

# 2024 DOUGLAS COUNTY FAIR BOOK

## DOUGLAS COUNTY FAIR OFFICE

Building 21  
Phone (785) 841-6322  
[www.dgcountyfair.com](http://www.dgcountyfair.com)

## DOUGLAS COUNTY FAIR BOARD

Justin Anderson, President  
Kjrsten Abel Ruch, Vice-President  
Cheryl Hunsinger, Secretary/Treasurer  
Christina Aldridge  
Kassadie Burton  
Tim Flory  
Billy Kelly  
Brian Lang  
Bryce Schumann

## 4-H/FFA REPRESENTATIVE

Hunter Harding

## EXTENSION AGENTS

Marlin Bates, Extension Director  
Sharon Ashworth, Horticulture & Natural Resources  
Kaitlyn Peine, Community Health and Wellness  
Margit Kaltenekker, Agriculture  
Nickie Harding, 4-H & Youth Development

## RULES COMMITTEE

Bryce Schumann  
Cheryl Hunsinger  
Justin Anderson  
Brian Lang  
Christina Aldridge

## COUNTY COMMISSIONERS

Patrick Kelly - District 1  
Shannon Reid - District 2  
Karen Willey - District 3

•Tuesday, July 30•

Evening Entertainment  
**SMALL TOWN GRIT**  
7 pm-10 pm, Stage Area  
Free Admission

**"TOUCH A TRUCK"**  
6 pm – 8 pm, Arena

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•Wednesday, July 31•

**BIG RED SLED-GARDEN TRACTOR PULLING**  
Tony Miller at 785.218.2599 for information  
7 pm, Outdoor Arena  
Free Admission

Evening Entertainment by  
**DELTA HAZE**  
7 pm-10 pm, Stage Area  
Free Admission

**MOORE'S GREATER SHOWS CARNIVAL**  
6 pm -11 pm

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•Thursday, August 1•

Evening Entertainment by  
**BIG RICK SOUL BAND**  
7 pm -10 pm, Stage Area  
Free Admission

**MOORE'S GREATER SHOWS CARNIVAL**  
6 pm -11 pm

**ANTIQUE TRACTOR PULL**  
6 pm, Outdoor Arena  
For information call  
Preston Lutz: 785.806.6385  
Free Admission

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•Friday, August 2•

**DOUGLAS COUNTY FARM BUREAU YF&R BALE THROWING CONTEST**

Registration - 5:30 pm

Contest Starts at 6 pm - Blacktop Area

Evening Entertainment by

**SCOTT HEIDNER AND THE NASHVILLE GUYS**

7 pm – 10 pm, Stage Area

Free Admission

**MOORE'S GREATER SHOWS CARNIVAL**

6 pm - Midnight

**DEMOLITION DERBY**

7:30 pm, Outdoor Arena Gates open at 6:30 pm

Tickets available on Eventbrite.com or

Tickets on sale at Fair Office starting at NOON on Wednesday, July 31

Power Wheels Derby for 2–11-year-olds (during Derby)

Information Contact: Jesse Kimmi at 785.741.4870

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•Saturday, August 3•

**MOORE'S GREATER SHOWS CARNIVAL**

5 pm - Midnight

**4-H AWARDS CEREMONY**

3:00 pm, Open Pavilion

**4-H FOUNDATION RECOGNITION**

5:00 pm, Open Pavilion

**4-H/FFA LIVESTOCK AUCTION**

5:30 pm, Open Pavilion

**DEMOLITION DERBY**

8:00 pm, Outdoor Arena Gates open at 6:30 pm

Tickets available on Eventbrite.com or

Tickets on sale at Fair Office starting at NOON on Wednesday, July 31

Power Wheels Derby for 2–11-year-olds (during Derby)

Information Contact: Jesse Kimmi at 785.741.4870

Evening Entertainment by

**SCOTT HEIDNER AND THE NASHVILLE GUYS**

8 pm – 11 pm, Stage Area

Free Admission

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•Sunday, August 4• All exhibits released 8 am to 10 am

# SCHEDULE OF EVENTS

## SATURDAY, July 20

9:00 a.m.

4-H Hand Pet & Cat Show, Bldg. 21N

1:00 p.m.

4-H Dog Show, Bldg. 21N

## MONDAY, July 22

8:30 a.m. – 4:00 p.m.

4-H Clothing Judging, Bldg. 21, and Dreher Building

## TUESDAY, July 23

7:00 p.m.

4-H Public Modeling Showcase, Bldg. 21

## SATURDAY, July 27

7:30 a.m.

Superintendent's Appreciation & Kickoff Breakfast, Flory Building

8:30 a.m.

Building Set-Up

8:00 a.m.

Open Horse Show Check-in, Community Bldg.

9:00 a.m.

Open Horse Show, Community Bldg.

## SUNDAY, July 28

8:00-8:45 a.m.

4-H Horse Show Check-in, Community Bldg.

8:50 a.m.

4-H Horse Show Orientation Meeting & Flag Ceremony

9:00 a.m.

4-H Horse Show

6:00 p.m.

Beef Tie-out Set-up, Tie-Out Area North of Community Bldg.

Set Up Community Building for Livestock.

## MONDAY, July 29

1:00 – 6:00 p.m.

Enter & Consultation Judging on all 4-H/FFA: A-Way-With Waste, Banners, Agronomy, Fiber Arts, Horticulture, Flowers, Foods and Food Preservation, Photography, Project Displays, Building Block Engineering, Astronomy, Computer Science, Robotics, Aerospace/Rocketry, Uncrewed Aircraft Systems, Visual Arts, Woodworking, and Ag Education exhibits.

Enter 4-H Clothing Exhibits.

1:00 – 6:00 p.m.

Enter OPEN Class Fine Arts, Flowers, Food Preparation, Food Preservation, Horticulture & Crops, Quilts, and S.T.E.M.

Judging of Open Class Food and Food Preservation

4:00 – 6:00 p.m.

Enter & Consultation Judging on 4-H: Cloverbuds, Electric & Renewable Energy, Small Engines, Entomology, Forestry, Geology, Welding, & Interior Design and Architecture exhibits.

6:00 – 9:00 p.m.

Check-In Dairy Cattle, Alpacas, Llamas, Poultry, and Rabbits

6:00 – 9:00 p.m.

Enter Beef, Bucket Calves, Dairy & Meat Goats, Sheep, and Swine for a soft check-in with health screening and tag number checks.

## TUESDAY, July 30

7:00 a.m.

**Building 21 & Flory Building Open 3:00 – 9:00 p.m.**

7:30 - 9:30 a.m.

Goat [Market, Breeding, Dairy] Check-In and Weigh-In

8:30 a.m.

Accept President's Pie Baking Entries, Dreher Building

Judging of Open Class Fine Arts, Flowers, Horticulture & Crops, and Quilts.

8:00 a.m.

Poultry Show, Poultry Showmanship & Poultry Skill-A-Thon, Open Pavilion

8:00 a.m.

Sheep [Market & Breeding] Check-In and Weigh-In

9:00 a.m.

Swine [Market & Breeding] Check-In and Weigh-In

12:00 p.m.

Beef [Market & Breeding] Check-In and Weigh-In

1:00-2:00 p.m.

Corn-Hole Tournament, Open Pavilion

3:00–6:00 p.m.	Food Sale, Building 21
6:00 p.m.	4-H/Open Dairy Goat & Meat Show, Open Pavilion
	Meat Goat Show – 4-H/FFA
	1. Showmanship Classes- Dairy Goats
	2. Breeding Classes – Dairy Goats
	3. Showmanship – Meat Goats
	4. Breeding Meat Doe Goat Classes
	5. Meat Goat Classes
6:00 – 8:00 p.m.	“Touch A Truck” – Arena
7:00-10:00 p.m.	Musical performance by <b>SMALL TOWN GRIT</b> , Stage Area

## WEDNESDAY, July 31

7:30-9:30 a.m.	<b>BUILDINGS OPEN TO PUBLIC 10 a.m. - 9 p.m.</b>
8:30 a.m.	Accept President's Pie Baking Entries, Dreher Building
	Rabbit Show, Open Pavilion
	1. Meat Pen Rabbits
	2. Breeding Classes
	3. Rabbit Showmanship & Judging Contest
11:00 a.m.	4-H & Open Dairy Show, Community Building
12:00 – 2:00 p.m.	Horticulture Judging Contest, Dreher Building
	Consumer Judging Contest, Dreher Building
	Photography Judging Contest, Dreher Building
	Reading Contest, Dreher Building
2:30 p.m.	4-H Council Trivia Contest, Dreher Building
1:00-2:00 p.m.	Corn-Hole Tournament, Open Pavilion
1:00-9:00 p.m.	Petting Zoo
5:00–8:00 p.m.	Pony Rides
5:00 p.m.	Swine Show in Open Pavilion
	1. Showmanship Classes
	2. Breeding Gilts
	3. Market Hog Show
7:00 – 10:00 p.m.	Musical performance by <b>DELTA HAZE</b> , Stage Area
7:00 pm	Big Red Sled – Garden Tractor Pull
6:00-11:00 p.m.	Moore's Greater Shows Carnival Open

## THURSDAY, Aug 1

7:30-9:30 a.m.	<b>BUILDINGS OPEN TO PUBLIC 10 a.m. - 9 p.m.</b>
8:00 a.m.	Accept President's Pie Baking Entries, Dreher Building
9:00 a.m.	Dairy Goat Milking Contest Milk Out
10:30 a.m.	Llama and Alpaca Show, Open Pavilion
12:00 noon	Small Livestock Round Robin, Open Pavilion
1:30 p.m.	Livestock Skill-A-Thon, North Dreher Bldg.
	Livestock Judging Contest, (start with cattle in Community Building)
1:00-2:00 p.m.	Corn-Hole Tournament, Open Pavilion
1:00-9:00 p.m.	Petting Zoo
5:00–8:00 p.m.	Pony Rides
6:00 p.m.	Sheep Show - 4-H/FFA/Open in Open Pavilion
	1. Showmanship Classes
	2. Open Class Rams
	3. Breeding Ewes - 4-H/FFA/Open Class
	4. Market Lamb Show - 4-H/FFA
6:00 p.m.	Antique Tractor Pull – Outdoor Arena
6:00-11:00 p.m.	Family Night Moore's Greater Shows Carnival
8:00 p.m.	Dairy Goat Milking Contest Milk Out
7:00-10:00 p.m.	Musical performance, <b>BIG RICK SOUL BAND</b> , Stage Area

## **FRIDAY, Aug 2**

7:30-9:30 a.m.

8:30 a.m.

### **1:00 p.m.**

1:00-2:00 p.m.

1:00-9:00 p.m.

2:00-8:00 p.m.

5:00 p.m.

6:00 p.m.

6:00 - Midnight

7:00 – 10:00 p.m.

7:30 p.m.

## **SATURDAY, Aug 3**

7:30-9:30 a.m.

9:00 a.m.

10:00 a.m.

10:30 a.m.

1:00-9:00 p.m.

2:00-8:00 p.m.

11:00 a.m.

12:00 p.m.

1:00-5:00 p.m.

3:00 p.m.

4:00 p.m.

4:30-6:30 p.m.

5:00 - Midnight

5:00 p.m.

5:30 p.m.

8:00 p.m.

8:00 – 11 p.m.

## **SUNDAY, Aug 4**

8:00 – 10:00 a.m.

### **BUILDINGS OPEN TO PUBLIC 10 a.m. - 9 p.m.**

Accept President's Pie Baking Entries, Dreher Building

Bucket Calf Show followed by Beef Show, Community Building

1. Market Beef

2. Showmanship

3. Breeding Beef

### **AUCTION CARDS Due at Fair Board Office, Bldg. 21 South**

Corn-Hole Tournament, Open Pavilion

Petting Zoo

Pony Rides

Adult Showmanship & Creative Fitting & Showing, Open Pavilion

Bale Throwing Contest, Blacktop Area; co-sponsored by Douglas

County Farm Bureau. Registration 5:30 p.m.

Moore's Greater Shows Carnival Open

Musical performance by

**SCOTT HEIDNER & THE NASHVILLE GUYS** Stage Area

Demolition Derby, Outdoor Arena

### **BUILDINGS OPEN TO PUBLIC 10 a.m. - 9:00 p.m.**

Accept President's Pie Baking Entries, Dreher Building

Large Livestock Round Robin, Open Pavilion

Turtle Race, Stage Area on Blacktop

Pedal Tractor Pull, co-sponsored by Douglas County Farm Bureau,

Black top area. Registration starts at 9:30 a.m.

Petting Zoo

Pony Rides

Barnyard Olympics

Corn-Hole Championship, Open Pavilion

Family Day, Moore's Greater Shows Carnival

Awards Ceremony, Open Pavilion

Frontier Farm Credit Ice Cream Social, Open Pavilion

Musical Performance by **SILVENT AVE**, Stage Area

Moore's Greater Shows Carnival Open

4-H Foundation Recognition

4-H Livestock Auction, Open Pavilion

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## **GENERAL RULES**

The **DOUGLAS COUNTY FAIR BOARD** makes all rules and regulations, and reserves the final and absolute right to interpret these rules and regulations. The board will settle and determine all matters, questions and differences in regard thereto, or otherwise arising out of any connection with or incident to the fair.

Special rules are published for each department, when necessary. If there is a conflict between the special rules of any department and the general rules and regulations, the special rules will govern.

### **ALCOHOLIC BEVERAGES:**

Conduct rules on the fairgrounds are in accordance with the regulations adopted by the Board of County Commissioners, **ABSOLUTELY NO ALCOHOLIC OR CEREAL MALT BEVERAGES** may be consumed or carried on the premises except designated areas. Violating exhibitors will have all entries disqualified.

### **ANIMAL CARE:**

- The board of directors will furnish pens only for animals entered.
- Commercial advertising by exhibitors on the fairgrounds is prohibited unless approved by the Fair Board.
- All cattle and horses shall be halter broke and trained to lead. Owners must provide a suitable means of caring for animals at all times during the fair.
- Douglas County 4-H/FFA members are encouraged to groom their own livestock. During the fair, only the immediate family (to include parents, legal guardians, siblings, and grandparents) or other Douglas County 4-H/FFA members, may help an exhibitor with the grooming of their animals. After the first warning, violation of this rule may lead to total disqualification of the exhibitor from the show and all premiums forfeited. Anyone wishing to report unauthorized people grooming animals must follow the protest procedure as outlined in the Protest Rules. No misters or hoses for the watering or cooling livestock will be allowed in any livestock individual pens.
- To protect the safety and convenience of fair patrons, participants and exhibits, any person or persons interfering with or disrupting the exhibition and care of livestock or other exhibits may be removed from the 4-H fairgrounds and/or subject to penalties in accordance with Home Rule Resolution No. HR-89-7-2.
- Exhibitors must keep livestock stalls clean and in a presentable condition for public viewing. Blocking chutes must be kept in designated areas. Tack, hay and show boxes must be kept in the proper areas. Cattle and other stock must be in the stalls for public viewing when not showing or being prepared for showing, until 8:00 p.m. each night. After 8:00 p.m. all beef and bucket calves may be taken to designated tie out areas. 4-H'ers are required to provide their own bedding for the tie out area.

### **WITHDRAWAL TIMES FOR DRUGS, GROWTH PROMOTANTS AND OTHER APPROVED MATERIALS:**

**Exhibitors, their parents, leaders, and instructors have a serious responsibility to use animal health products, growth promotants and any other approved materials with great care, only when needed and in correct amounts. Approved withdrawal times are set and must be followed to assure that meat customers receive wholesome food. A Drug Withdrawal Certificate must be filled out for each market animal exhibited. Market livestock will not be allowed to be auctioned, or shipped as extras, without a completed certificate signed by the exhibitor and parent or guardian. The withdrawal date for medications and legal drugs will be the date that the auction cards are due, and the withdrawal certificate must be turned in with the auction card to the fair office for the animal to sell in the auction or be shipped as an extra animal.**

**NO PREMIUM PAID ON CONDEMNED CARCASS:** The Fair Board will allow **NO BASE BID TO BE PAID** to any exhibitor of a market animal whose carcass is condemned by an official inspector because of any unethical practice such as giving by mouth or injection of any prohibited medication or the physical alteration of such carcass. The Fair Board reserves the right to condemn and/or disqualify any animal, or carcass, found violating the use of drugs, chemicals, or feed additives. The exhibitor will forfeit the base value of the animal, ribbon premium money, prizes and possibly the premium amount paid by the buyer of the animal (at the discretion of the buyer). The class placing will not change.

### **ANIMAL DRUG TESTING:**

Following the selection of Grand Champion and Reserve Champion in beef, goat, sheep, and swine a collection will be completed by the on-call veterinarian for testing. Animals are not to leave the designated area until instructed by said veterinarian.

**RESIDUE AVOIDANCE- MEDICATION:** The use of drugs, other substances in any manner other than in accord with the labeling approved by the FDA, is a violation of federal law. Exhibitor and exhibitor's parents and/or legal guardians agree that: (1) they are absolutely and completely responsible persons for the care and custody of their animals; (2) the Douglas County Fair Board shall be entitled to disqualify an exhibitor whose animal tests positive for any drug, even if the exhibitor and the exhibitor's parents and/or guardians are innocent of any wrongdoing and did not administer the drug; (3) the drug test results of the testing laboratories are final and binding upon the exhibitor and the exhibitor's parents and/or legal guardians. Even if the source of the drug is unknown, the Douglas County Fair Board shall be entitled to disqualify the exhibitor. Animals selected for drug testing will be tested under the terms of the Douglas County Fair Board Market Animal Testing Policies and Procedures. During the collection procedure, the exhibitor and designated responsible adult must be present at all times unless a substitute exhibitor is approved by the Superintendent. Following the collection, the exhibitor AND parent / guardian / responsible adult MUST sign the Douglas County Fair Board Drug Use Notification and Test Sample Collection form. Exhibitors found in violation of this rule may be subject to disqualification. If an exhibitor is disqualified due to a positive test result for an unapproved drug, the Douglas County Fair Board reserves the right to ban future entry.

**Unapproved Drug Use:** The showing of any animal that has been administered, or upon harvest or testing, or shows any quantity of any unapproved drug, chemical or medication, is strictly prohibited. Such drugs include, but are not limited to any diuretic, unapproved growth stimulant or any other unapproved medication. Unapproved means not approved by the Food and Drug Administration (FDA) and / or the U.S. Department of Agriculture (USDA) for animals to be harvested, including animals that may be destined for human consumption.

**Approved Drug Use:** If any animal has been administered any FDA drug approved for its species and class, sufficient time must have passed for the drug to clear the animal's system, so that the animal does not test positive for that drug. The showing of any animal that upon harvest or testing shows any quantity of any approved drug is strictly prohibited.

### **ATTIRE:**

4-H and FFA exhibitors will be required to wear the provided 4-H T-shirt during all livestock shows. All 4-H'ers will receive ONE shirt. Dairy Cattle, Dairy Goat, and Horse exhibitors will be required to follow their show attire rules. 4-H T-shirts must also be worn by those competing in the Round Robin Showmanship competitions. T-Shirts may not be altered. This includes but is not limited to cutting, embellishing, or bleaching. Exhibitors who do not comply will be disqualified and forfeit any ribbons and premiums.

### **DUAL ENROLLMENT OF DOUGLAS COUNTY 4-H AND FFA MEMBERS:**

Eligible youth may participate in both Douglas County 4-H and FFA but shall avoid duplication. Therefore, the following principles are required to be used in delivering the 4-H and FFA programs in Kansas as we strive to educate youth.

1. Agriculture Education teachers, FFA Advisors, Extension staff and local volunteers are encouraged to cooperate in sharing information and resources to provide educational opportunities for youth.
2. When young people are members of both 4-H and FFA, they shall plan and manage separate projects, and/or supervised agriculture experiences (SAE) programs.
3. FFA and 4-H members may enroll in the same area of experience in 4-H and FFA, however; participants cannot identify, nominate, manage, keep records on, or exhibit the same plants, animals, etc. in both organizations. Members must designate exhibits as either FFA or 4-H at weigh-in, registration or similar deadline.
4. Members may participate in judging contests and related events in FFA and 4-H but cannot represent both organizations at a contest, show or event at the same time.
5. When 4-H and FFA are conducting collaborating activities, both the 4-H and FFA organizations should be represented through emblems and information on all signs, print materials and awards.
6. Collaborating FFA and 4-H activities or events are obligated to have supervision representation from both organizations.

The above principles are in agreement with Kansas 4-H and FFA and hereby affirmed by members and professionals in order to participate in either educational program (Memorandum of Understanding between the Kansas FFA Association and Kansas State University, State Office of 4-H Youth Development, July 19, 2023).

### **EDUCATIONAL EXHIBIT RULES:**

#### **[Astronomy, Computers, Rocketry, Robotics, or Uncrewed Aerial Systems]**

1. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
2. Exhibits are to have a clear link to the Engineering and Technology areas of astronomy, computers, rocketry, robotics, or uncrewed aerial systems, educational exhibits outside of these Engineering and Technology areas should be displayed in the other program areas. Just because an educational exhibit relates to the broad concept of Engineering and Technology does not qualify it to be displayed in the Engineering and Technology Educational Exhibit area. Exhibits that do not clearly show a clear and direct relationship to the Engineering and Technology project areas of ag-mechanics, ABC, astronomy, computers, robotics, rocketry, or UAS as previously defined will be disqualified.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting educational materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content.
5. Follow copyright laws, citing all sources of information in a standard notation. Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.
6. Educational displays are not to exceed a standard commercial 3' x 4' tri-fold display board. No card table exhibits will be allowed.
7. "Construction Kits" that are part of educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 1' x 2' x 2' and must have a latch which securely keeps all components contained in the "Construction Kits". Other components are to adhere to appropriate dimensions as stated elsewhere.
8. Educational Project notebooks must be organized in a 3-ring binder.
9. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.
10. Engines and igniters for rockets ARE NOT permitted with the exhibit and constitute an immediate disqualification. This is for safety reasons and includes both spent and live engines.
11. Exhibitor's name, Extension Unit, age, and year(s) in project must be tagged or labeled in a prominent location on the notebook, and/or "Construction Kit." For education displays and/or posters the exhibitor's name, county, or district, age, and year(s) in project must be tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display. Failure to label an exhibit may result in one ribbon placing deduction.
12. Exhibits should possess the following qualities (in no order): a. A Central theme b. What you want others to learn c. Be designed and constructed in a manner befitting the exhibit d. Be something you are interested in e. Be related to Astronomy, Computer System, Robotics, Rocketry, or Uncrewed Aerial Systems
13. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.

### **ENTRY INFORMATION:**

Pre-entries must be made for all 4-H/FFA divisions and Open Class Livestock by **JUNE 30**. Late entries will not be accepted. All pre-entries must be made through the on-line entry system. Go to the fair website, [www.dgcountyfair.com](http://www.dgcountyfair.com) for the link to on-line entries.

Douglas County K-State Research and Extension is an equal opportunity provider and employer. We are committed to making our services, activities and programs accessible to all participants. If you have special requirements due to a physical, vision or hearing disability please call Nickie Harding at 785-843-7058.

Out-of-county entries will be accepted in all Open Class Divisions.

- A 4-H member must be enrolled in the projects they exhibit, and their project enrollment on-line is complete by May 1 of the current year.
- Agricultural Education students or FFA members must exhibit projects included in their Supervised Agricultural Experience program or must be a school project under the Agricultural Education teacher's supervision.
- Any 4-H/FFA member who turns 19 years of age before January 1 of the current year will not be eligible to participate in 4-H/FFA competition.
- All exhibits must be owned by exhibitor if entered in competition, except where designated. No duplicate samples shall be taken from the same baking batch, bin, crib, field, tree and be shown by different exhibitors as their respective products.

#### **FIRST AID:**

A first aid station is located by the outdoor arena. Qualified first aid personnel are on duty from 8:00 a.m. until 10:00 p.m. each day of the fair.

#### **INFORMATION:**

The fair office is located in Building 21S. The office is operated by the Douglas County Fair Board and staff, who can also supply information about local attractions and events. Prior to the week of the fair, information can be obtained by calling the Executive Administrator, Candice Lavalette at 785-424-4470 or checking the fair board website, [www.dgcountyfair.com](http://www.dgcountyfair.com).

#### **LIABILITY:**

- Exhibitors and others who bring property of any kind upon the fairgrounds, either exhibits or otherwise, do so at their own risk. The Douglas County Fair shall not be liable for loss or damage to such property from any cause whatsoever, and no such liability shall be created or presumed from any supervision over exhibits exercised by the association or its employees. All persons who have exhibits, particularly those of great sentimental and/or monetary value, should carefully make their own determination of whether such exhibits should be exposed to the hazards of the Fair.
- All exhibitors shall be liable to the Douglas County Fair for any damage to the grounds or property of the Douglas County Fair by such exhibitor, their agents, employees, or property. All exhibitors shall hold the Douglas County Fair harmless from liability for any damage to their persons, or their property.
- The association reserves the right to require bond from any exhibitor to protect it against liability in such amount as the Douglas County Fair may determine.
- The Douglas County Fair Board will not be responsible for overnight supervision of 4-H/FFA members. All individuals must have pre-approved overnight pass to remain at the grounds beyond 12:30 a.m. Passes must be picked up before 4:00 p.m. in the fair office.

#### **LIVESTOCK ENTRIES:**

- All livestock must arrive on the grounds between 6:00-9:00 p.m., Monday July 29th. Stall assignments will be pre-assigned by the department superintendents.
- All youth participating in the livestock areas of Bucket Calf, Beef, Dairy Cattle, Dairy Goats, Poultry, Rabbits, Sheep, and Swine must be certified with Youth for Quality Care of Animals (YQCA) by June 15<sup>th</sup> of the current year to show.
- The Douglas County Fair has transitioned to a fit show for the market and breeding divisions, showmanship included. Grooming for the breeding and market animal shows may include the use of adhesives, paints, and powders. Twine, other artificial material, or hair not from the animal itself are not allowed.
- The check-in and weigh-in times will be Tuesday as follows: 7:00 a.m. for market and dairy goats. 8:00 a.m. for sheep. Swine will start weighing at 9:00 a.m. Beef and bucket calves will start check-in and weighing at 12:00 p.m. If a 4-H member chooses, the market animals will be scanned at weigh-in for the carcass evaluation. This class must be pre-entered by June 30 at a cost of \$5 per animal.
- The exhibitor, a family member or other responsible person must be present to bring the animals to the scales. It is not the weighing committee's responsibility to get the animals to the scales. If the exhibitor is not present to have their animals in order, they will be skipped and have to bring their animals to the scales at the end of the line, and by the allotted time for that species.

- No parking in livestock building area. Temporary parking to unload allowed only mornings of the fair to 8:00 a.m. No vehicle traffic allowed from 8:00 a.m. to closing of grounds 12:00 midnight.
- The board of directors will furnish pens only for animals entered. Beef and Bucket Calf exhibitors are required to include the appropriate bedding fee along with their entries to cover the cost of wood chips. All other livestock entries must provide their own bedding.
- Commercial advertising by exhibitors on the fairgrounds is prohibited unless approved by the fair board. All cattle and horses shall be halter broke and trained to lead.
- Animals can be shown in only one class other than group classes and showmanship. Animals shown in market classes are not eligible for breeding classes and vice versa. This applies to both 4-H and Open Class entries. Animals are considered either breeding or market animals and cannot be shown as a market animal in 4-H and a breeding animal in Open.
- Livestock exhibitors must exhibit and present their entries without assistance in the show ring and failure on the part of the contestant to exhibit the entry may bar them from participation in any awards. In case of an exhibitor who has two entries in the same class or a physical disability, owners may have another Douglas County 4-H/FFA member assist with an entry provided it meets with the approval of the superintendent of the department. The assistant must be a Douglas County 4-H/FFA member and be enrolled in the same project they are helping with.
- Anyone wishing to report unauthorized people grooming animals must first report the violation to the head superintendent. The matter will then be taken to the Fair Board.
- A 4-H/FFA member must own and exhibit in the regular classes animals used in showmanship classes. No animal may be entered in showmanship without also being shown in a regular class. No premiums are paid in showmanship classes.
- Exhibitors leasing a breeding animal [max 2/species] must have an Animal Leasing Identification Form on file with the Extension Office by June 15th. [Lease Form](#)

#### **LOST AND FOUND:**

All lost and found articles and inquiries will be handled by the fair office in Building 21S. They can be reached by phone at 785-841-6322.

#### **OVERNIGHT CAMPERS:**

The Douglas County Fair Board will not be responsible for overnight supervision of 4-H/FFA members. All individuals must have pre-approved overnight pass to remain at the grounds beyond 12:30 a.m. Passes must be picked up before 4:00 p.m. in the fair office.

#### **PREMIUMS:**

- Premiums will be paid by check within 30 days after the conclusion of the fair. Premium checks must be cashed within 30 days of issue, to insure payment. After that time, any premium checks which have not been cashed will be considered donated to the Douglas County Fair.
- If any dispute should arise over prizes, the record in the secretary's books shall stand as true. Awards will be based on the Danish system for 4-H/FFA (Purple, Blue, Red, and White based on a standard).
- Purple ribbons will be awarded in all non-livestock divisions which may be eligible for state entry.
- Open Class, American system (ranked 1, 2, and 3), receives ribbons and premiums. Grand Champions shall be selected from the group of Division Champions. Reserve Grand Champions shall be selected from the group of Division Champions and Division Reserve Champions.

#### **PREMIUM FORFEITURE:**

- Superintendents are instructed that if they have proof that an exhibitor, by false entry or otherwise, attempts to receive or obtain an award by misrepresentation, said exhibitor shall forfeit all prizes awarded on all exhibits.
- Judges will be instructed not to award premiums on unworthy articles, or give first premiums where only one is entered in a class unless it merits a first. No red ribbon or lower rating exhibits can receive Champion or Grand Champion.

- Any exhibitor or family of exhibitor interfering with or criticizing judges' decisions openly or otherwise will forfeit premiums if due proof is received by the board of directors. Parents should not actively participate in consultation judging. However, they may observe.
- 4-H exhibitors (individual or group) should avoid using copyrighted materials whenever possible by originating his/her own work. A 4-H member or group should use with caution, a copyrighted and/or trademarked product or service (a brand name, label or product).

#### **PROTEST:**

- Any person may protest the qualification or eligibility of any competing person, animal or object submitted for competition and showing any pertinent class or event to the fair board by the following procedure:
- Any complaint regarding eligibility or adherence to the rules must be made in writing to the Rules Committee, within twenty-four (24) hours following the occasion of the protest.
- Upon receipt of a protest, the Rules Committee will promptly notify the person against whom the protest was made, the superintendent of the department for the class or event, and other parties who may have relevant information to the protest.
- The notice will give a time and place for a hearing to address the protest.
- When a protest is either allowed or denied, the course of action shall be entered in writing and a copy delivered to the protestant and the person against whom the protest was made. In the event that a timely protest is properly filed before judging, and a decision is delayed until after judging, the judges will be informed by the board to place a conditional and reserve award upon the winning entry. Premiums and awards will be properly distributed when final decision on the protest is made.

#### **RELEASE OF EXHIBITS:**

- All exhibits will be released from 8:00 to 10:00 a.m. on Sunday.
- Dogs, Horses and Pets will be released after showing.
- Any exhibitor removing any exhibits prior to release time will forfeit all premiums and prize money.
- Every article or animal upon the grounds for exhibition shall, during the Fair, be under the control of the board of directors, and will not be permitted to leave without their consent; exhibits may be released with recommendation of veterinarian and/or division superintendent.

#### **STATE FAIR ENTRIES:**

- Exhibitors planning to exhibit at the State fair must make entries at the Extension Office by 5:00 p.m., August 7th. NOTE: the minimum age for participation in the 4-H Division at the Kansas State Fair is 9 years of age by January 1, of the current year, for all competitive exhibits and contests. Only exhibitors whose exhibits receive a Purple ribbon and meet the age and class requirements in the 4-H/FFA Division may enter their exhibits at the Kansas State Fair. This applies to all entries except livestock. All livestock exhibitors whose entries place in a blue ribbon group are encouraged to exhibit at the State Fair, provided they can meet the requirements.

#### **TELEPHONE SERVICE:**

The fair office number is 785-841-6322.

#### **UNETHICALLY FITTED LIVESTOCK:**

- The showing of unethically fitted livestock, the showing of livestock of any ineligible age for exhibition in the classes entered, or the misrepresentation of breeding or milking status is prohibited. Unethical fitting will be deemed to consist of changing the normal conformation of any part of the animals' body or using drugs, including over the counter and/or extra-label, or mechanical devices to alter the physical makeup and/or performance of the animal. This includes but is not limited to the following:
- Animals that are in milk due to an unnaturally induced lactation.
- Balancing the udder by any means other than leaving naturally produced milk in any or all quarters.
- Treating or massaging any part of the animal's body, internally or externally, with an irritant, counterirritant, or other substance to temporarily improve conformation. Minimizing the effects of cramping by feeding or injecting drugs and depressants or applying packs or using any artificial

contrivance or therapeutic treatment except normal exercise. Blocking the nerves to prevent limping or switching of the tail.

- Striking the animals to cause swelling in a depressed area.
- Surgery or other practices performed to change the natural contour or appearance of the animal's body, hide, or hair, except the removal of warts or horns and the permitted clipping and dressing of hair and trimming of hooves.
- Insertion of foreign material under the skin.
- Changing the color of hair at any point, spot, or area on the animals' body. Any grooming material that allows color to come off any animal will not be allowed at the show.
- The use of alcoholic or carbonated beverages in the feed or administered as a drench.
- The use of diuretics.
- Administration of a drug internally or externally. Animals under the care of a licensed veterinarian, and/or taking any type of medication are ineligible.
- All medication administered during the livestock show must be administered by the Fair Board Veterinarian and a written medication record must be filed. Animals receiving performance enhancing drugs (i.e., including, but not limited to, steroids, diuretics, and anti-inflammatories, tranquilizers, and pain killers) in this manner are ineligible for competition.

The term "drug" shall mean any substance for which the sale, possession or use is controlled by license under federal, state, or local laws or regulation and any substance commonly used by the medical or veterinary professions which affects the circulatory, respiratory, muscular, skeletal or central nervous system of any species of livestock. If drugs are used by the Official Show Veterinarian to treat a recognized disease in market animals, the withdrawal times listed by the drug manufacturer will be strictly followed.

Any exhibitor, who is found to have tampered with or who inhumanely abuses an animal or enters an exhibit that is not eligible or does not abide by the Douglas County Fair Board rules, will be barred from showing and must forfeit any premium, ribbon, or prize won.

#### **OTHER:**

- ALL JUDGE'S DECISIONS ARE FINAL except where otherwise noted.
- No disorderly conduct of any kind will be permitted.
- All people occupying booths are required to keep their places in a sanitary condition and those who have their lunches on the grounds are requested to leave no paper or other litter.
- A police force will be on the grounds sufficient to prevent the same, to see that all rules are observed.
- No dogs, except Dog Division entries and Assistance Dogs, shall be permitted on the fairgrounds during the Douglas County Fair. Cycles, bikes, recreational scooters, or horses will not be ridden on blacktop or other exhibit areas.

## **LIVESTOCK AUCTION 4-H/FFA**

5:30 p.m., Saturday August 3rd

1. Only market beef, market hogs, market lambs, market goats, meat pen of rabbits, and meat pens of chickens will sell in the terminal auction. All Grand and Reserve Champion Market Beef, Lambs, Pigs, Goats, and Meat Pens of Rabbits & Chickens have the option to sell in the auction, be harvested at a designated plant, and drug tested. Exhibitors can only sell one animal in the auction.
2. All animals shown as market animals must be registered with the auction committee by 1pm, Friday in the fair office. All weigh cards must be turned in with the destination marked on the back of the card indicating whether the animal will be sold, shipped, taken home, or sold on a private treaty (to whom and what locker plant it is to be shipped to). Those not registered as auction animals will not sell. There will be no exceptions.
3. Weights will be taken at initial weigh-in of the fair. The minimum weights for animals to sell in the premium auction will be Market Beef 1,000 lbs.; Market Hogs 220 lbs.; Sheep 90 lbs.; Goats 50 lbs.
4. Animals shown in Feeder Classes are eligible for sale as extra animals, at the discretion of the floor buyer. Extra animals will receive a base bid and will be loaded on the truck immediately following the livestock auction.
5. All animals selling either through the livestock auction or as extra animals will have a commission fee deducted from their total selling price. Commission fees will be 2% of the total sale price for Market Beef, and 4% of the total selling price for Market Hogs, Market Lambs, Market Goats, Meat Pen of Rabbits, and Champion Meat Pen of Chickens. Commission fees will be deducted from the seller's check by the auction committee. Commission fees cover auction expenses and are not paid to auctioneers. All species promotional check-off dollars will be deducted from the seller's check.
6. All market beef that is shipped to be processed by Tyson Foods will be given a base bid in the auction catalog. However, since these are sold on grade and yield, this will not be the price that will be paid. That price will be determined by Tyson Foods on the grade and yield of the carcass at the time of processing.
7. Once an animal is sold and loaded it will not be recalled from the load or unloaded.
8. The Auction Committee will photograph the Grand and Reserve Grand Champion animals immediately following the sale of the animal in the ring. The photo is for the buyer.
9. Exhibitors must be present to sell their animal and handle the animal in the auction ring. Hardship cases will be reviewed by the Rules Committee of the fair board.
10. All animals sold will be officially weighed by the auction committee.
11. This is a terminal auction, and all animals going through the auction will come out of the ring and go into the proper pen prior to loading on the truck.
12. The premium auction will be rotated between species annually as follows:
  - 2024- Swine, Market Goats, Rabbit, Chickens, Beef, Sheep
  - 2025- Sheep, Swine, Market Goats, Rabbit, Chickens, Beef
  - 2026- Beef, Sheep, Swine, Market Goats, Rabbits, Chickens
13. Auction checks will be available for pick up at the Extension office on a date that will be announced after the fair. Those 4-H'ers receiving checks must present a written thank-you note, addressed to their buyer, in a stamped envelope to the Extension Office to receive their checks.



# Douglas County 4-H and FFA CLASSES

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## AEROSPACE/ROCKETRY 4-H/FFA

Department 170

Superintendents: *Craig Shultz*

The Kansas Aerospace/Rocketry program is designed to allow 4-H members to explore aerospace through rockets of various sizes. Kansas 4-H has adopted the National Association of Rocketry's rules, regulations, and safety guidelines.

### Rules:

1. 4-H members must be currently enrolled in the 4-H STEM-Rocketry program to exhibit in this division.
  2. All rockets displayed in this division must be constructed during the current 4-H year
  3. If a rocket qualified for the Kansas State Fair, exhibitors should read the State Fair Rules for the Rocketry division as they may be different from those at the county fair.
  4. Each exhibitor may enter up to two rocket exhibits that have been constructed during the current year. If two rockets are entered, one rocket must be a "model rocket kit" or the second may be entered into any other applicable class. An exhibitor may not enter two rockets in the same class.
  5. 4-Hers are to complete and sign the rocketry information form, available from <http://rocketry.engtech4ks.com/> or your local extension office and attach it to a 10"X13" "manila" envelope. Any rocket exhibit not including this completed envelope will receive a participation ribbon. The envelope should contain:
    - Instructions on how to construct the rocket
    - Up to 5 pages of pictures from both construction and launch
    - Documentation of any flight damage that occurred
    - Any modifications made to the rocket
    - An additional page for altitude calculations if the space on the form is not enough.
- Additionally, for original design rockets, also known as "scratch built" rockets:
- 5 additional pages of photos are allowed
  - Documentation of how the rocket was tested for stability.
6. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's rocket, at the judges' discretion, will receive a participation ribbon.
  7. Rockets are to be displayed upright on a display stand with a sturdy rod that does not extend past the top of the rocket or stand unassisted, unless the rocket is taller than 4 feet in which case no display stand is required and the rocket may be displayed on its side, rockets are not to be displayed on launch pads to save space and prevent someone from being poked in the eye.
  8. Rockets ARE NOT to be displayed with used or unused rocket engines either in the rocket or as part of the stand, if rocket engines are included in the exhibit the judge may disqualify the exhibit.
  9. Rockets should be flown unless there is an active burn ban in the county or conditions are too dangerous to safely launch the rocket. Just flying the last stage (the part with the nose cone) of a multi-stage rocket is acceptable.
  10. All rockets, except those in the JR division, are not to be "beginner's kits" or use prefabricated fin assemblies or pre-finished rockets requiring no painting, these are not acceptable outside the JR division, and should be disqualified
  11. Angles of fins must fall within a plus or minus 2-degree variation using an approved fin alignment guide (such as KSSTAC10).
  12. Fins and body tubes, except those in the introductory division, are to be filled and sealed with sanding sealer and/or primer or other suitable filler to eliminate the appearance of body grooves and wood grain. Fins should be rounded or streamlined according to instructions. If the other edges are rounded to reduce drag on all exposed sides, there should be no ribbon deduction, unless instruction indicate to leave flat, or instructions say to round and rounding was not done.
  13. Fins and launch lugs are to be filleted to reduce drag and properly secure them to the model.
  14. Engine mounts are to be securely attached to the body tube.
  15. Any seams on plastic parts are to be sanded smoothly.
  16. The recovery system (typically a parachute or streamer) should be attached according to the instructions
  17. The nose cone fits snugly but still allows for easy removal.
  18. Exhibits, except "beginner's kits," must be uniformly painted and smoothly finished or finished as per rocket instructions, and have decals applied smoothly.
  19. Models may not be judged based on their paint scheme (colors and placement on the rocket). Rockets do not have to follow the suggested paint scheme, allowing the 4-H'er to display maximum creativity in the finishing of their rocket. Under

- no circumstances is the weight given to the paint scheme to be sufficient, by itself, to move a non-scale model from one ribbon placing to another.
20. "Scale models", exhibited in the scale model class, may be judged based on their paint scheme. The judge may deduct up to one ribbon placing for not following the paint scheme.
21. "Scale Model" Rockets, exhibited in the scale model class, are to be finished and completed with a majority (greater than 70%) of decals.
22. Original design rockets cannot be a modification of a pre-existing kit and must be of original design.
23. Original design rockets must be designed by the exhibitor(s).
24. Exhibitor(s) must be 11 years of age (4-H age) or older to enter an original design rocket.
25. Original design rockets must include detailed instructions, so that someone could construct the original designed rocket just like a kit purchased at a store. Instructions can be as many pages as needed to convey full and complete construction techniques.
26. For a rocket entered in the original design classes, describe in the summary how the rocket was tested for stability prior to flying. Swing testing of the rocket is required. Other tests and calculations are encouraged. Exhibitors must include documentation of the swing test. Failure to swing test a rocket will result in a deduction of TWO ribbon placings.
27. A minimum of one additional page must be added to the rocketry information pack detailing the test(s) performed to ensure stability. 4-Hers are strongly encouraged to provide as much detail as possible. Failure to provide adequate written documentation will result in a disqualification.
28. Rockets that use more than one 'D' engine or equivalent are considered mid or high-power rockets in 4-H.
29. Mid and High-Power exhibitors must be at least 14 years of age by January 1 of the current year.
30. In addition to the information packet completed for all rockets, a high-power information form is to be completed and placed inside of the information packet. This may be downloaded from [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com).
31. Exhibitors in the mid and high-power divisions must hold memberships in either NAR or Tripoli organizations.
32. The NAR High Power Rocket Safety Code applies to the construction and launching of all rockets displayed in this division. As such all mid and high-power rocketry exhibitors must comply with the NAR High Power Rocket Safety Code that is in effect as of October 1st of the current 4-H year.
33. All rockets in the mid and high-power divisions are to be launched under adult supervision by the 4-H member who constructed the rocket.
34. For rockets launched using an engine(s) that have 160.1 ('H' engine or equivalent number of smaller engines) Newton's-seconds or larger, adult supervision must be provided by an individual having at least a level 1 high power certification. The 4-H member should also hold or be attempting to attain their level 1 high power certification if launching on this large of an engine.
- \* As defined by the National Association of Rocketry (NAR), a scale model is "any model rocket that is a true scale model of an existing or historical guided missile, rocket vehicle, or space vehicle." The intent of scale modeling is, according to the NAR, "to produce an accurate, flying replica of a real rocket vehicle that exhibits maximum craftsmanship in construction, finish, and flight performance." (NAR "Pink Book" 50.1 4-1)
- Champion and Reserve Champion exhibits will compete for Grand Champion and Reserve Grand Champion.
35. See general rules regarding specific educational display, notebook, and poster board rules.

### **Scale Model Definition:**

As defined by the NAR, a scale model is any rocket that is true scale model of an existing or historical guided missile, rocket vehicle, or space vehicle, that has flown under rocket power. The intent of scale modeling is, according to NAR, "is to produce an accurate, flying replica of a real rocket powered vehicle that is judged for craftsmanship in construction, finish, and flight performance."

### **Level I [7–8-year-olds]**

**3128: Rocket from kit; Include plans.**

**3129: Rocket original design. Include plans.**

**3130: Rocketry Educational Display, Notebook, or Poster Board**

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### **Level II [9–11-year-olds]**

**3131: Rocket from kit; include plans.**

**3132: Rocket original design. Include plans.**

**3133: Rocketry Educational Display, Notebook, or Poster Board**

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### **Level III [12–14-year-olds]**

**3134: Rocket from kit; include plans.**

**3135: Rocket original design by exhibitor, not merely modification of an existing kit rocket. Include original plans.**

**3136: Scale Model Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans and stability testing.**

**3141: Rocketry Educational Display, Notebook, or Poster Board**

#### **Level IV [15–18-year-olds]**

**3137: Rocket from kit; include plans.**

**3138: Rocket original design by exhibitor, not merely modification of an existing kit rocket. Include original plans.**

**3139: Scale Model Rocket made from kit, Include plans.**

**3140: Scale Model Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans and stability testing.**

**3142: Rocketry Educational Display, Notebook, or Poster Board**

#### **Mid-power Rocketry (2x'D' to 'G' Engines) Guidelines:**

Purpose: To allow for improved safety and judging of rockets that meet the requirements of 4-H mid-power rockets.

1. Exhibitors must be at least 14 years of age by January 1 of the current year.
2. The rules for ALL categories apply.
3. In addition to the information packet completed for all rockets, a high/mid power information form is to be completed and placed inside of the information packet. This may be downloaded from <http://www.kansas4-H.org/>. Click on KSF Packet link.
4. Exhibitors in this division must hold memberships in either NAR or Tripoli organizations.
5. The NAR Model Rocket Safety code applies to the construction and launching of all rockets displayed in this division. As such all exhibitors must comply with the NAR Model Rocket Safety Code that is in effect as of October 1<sup>st</sup> of the current year. However, if there is a modification in this code the SpaceTech Action Team may review and implement the modified code.
6. All rockets in this division are to be launched under adult supervision by the 4-H member who constructed the rocket.
7. High power rockets as defined above ('H' or 'I' engines) may not be launched in this division.
8. If according to Federal Aviation Regulations Part 101, a waiver is required to fly the rocket, a copy of that waiver is to be attached to the High-Power Information Form. In the case where the launch was a public event a substitute to a copy of the waiver is the Range Safety Officers (RSO's) contact information.
9. Mid- Power rockets may be displayed without a supporting stand. If a supporting stand is used, it is not to exceed 4-1/4" (four and one-quarter inch) thick and 8" square. The exhibitor's name, county or district, and age must be labeled on the base.

#### **High Power Rocketry ('H' or 'I' engines) Guidelines**

Propose: To allow for improved safety and judging of rockets that meet the following requirements:

1. Exhibitors must be at least 14 years of age by January 1 of the current year.
2. The rules for ALL categories apply.
3. In addition to the information packet completed for all rockets, a high-power information form is to be completed and placed inside of the information packet. This may be downloaded from <http://www.Kansas4-H.org>. Click on KSF Packet link.
4. Exhibitors in this division must hold memberships in either NAR or Tripoli organizations.
5. The NAR High Power Rocket Safety Code applies to the construction and launching of all rockets displayed in this division. As such all exhibitors must comply with the NAR High Power Rocket Safety Code that is in effect as of October 1<sup>st</sup> of the current 4-H year. However, if there is a modification in this code the SpaceTech Action Team may review and implement the modified code.
6. All rockets in this division are to be launched under adult supervision by the 4-H member who constructed the rocket.
7. For rockets launched using an engine(s) that have 160.1 ('H' engine or equivalent number of smaller engines) Newton's-seconds or larger, adult supervision must be provided by an individual having at least a level 1 high power certification.
  - a. The 4-H member should also hold or be attempting to attain their level 1 high power certification, and should include supporting documentation of such (a copy of Level 1 card is sufficient).

8. If according to Federal Aviation Regulations Part 101, a waiver is required to fly the rocket, a copy of that waiver is to be attached to the High-Power Information Form. In the case where the launch was a public event a substitute to a copy of the waiver is the Range Safety Officers (RSO's) contact information.
9. High Power Rockets may be displayed without a supporting stand. If a supporting stand is used, it is not to exceed 4-1/4" (four and one-quarter inch) thick and 8" square. The exhibitor's name, county or district, and age must be labeled on the base.
  - **3148 Mid or High-power rocket made from kit or original design.**

Ribbons:

Champion, Reserve Champion, Purple, Blue, Red, and White  
Grand Champion and Reserve Grand Champion

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## AG MECHANICS WELDING 4-H/FFA

Department 500  
Superintendents: *Craig Shultz*

The Ag Mechanics project is starting with an emphasis on welding and smithing, it will expand as the project area grows. This project allows youth to explore areas of ag mechanics and metallurgy from repairing or repurposing items to the fabrication of new items. The intent is for this program to start with foundational areas, some of which youth may already have, and allow them to continue to build on this knowledge, becoming more experienced.

### Rules

1. 4-H members must be currently enrolled in the Kansas 4-H Ag Mechanics Welding project to exhibit in this division.
2. Each exhibitor may enter one exhibit per class. Exhibits must have been constructed or repaired during the current 4-H year.
3. Wheeled exhibits must utilize a braking mechanism which prevents the exhibit from freely rolling while on display.
4. Exhibitors are responsible for providing sufficient braking or "chocks" for trailer exhibits to ensure that the exhibits do not move once positioned. If using a wheel "chocking" mechanism, the two individual blocks should be connected as a pair of chocks, so they do not become separated. At least one pair of chocks should be placed on each side of the trailer to prevent movement.
5. For trailer exhibits the tongue of the trailer should have a locking mechanism (e.g. padlock) to prevent the trailer from being moved by unauthorized individuals while being displayed. A key for the locking mechanism should be left with the superintendent.
6. For exhibits with downward swinging parts, such as tailgates, that could pose a fall/striking/crushing hazard should have a tamper resistant locking mechanism such as a "zip-tie" or a "cotter-key" through a release pin that would prevent the swinging part from being accidentally released and falling on someone.
7. Each exhibit must be free-standing or sufficiently supported by an exhibitor supplied support system that is moveable and is part of the total demission's and weight of the exhibit as described previously. Exhibit display boards should have a portable and moveable base and examples should be firmly affixed to the board to ensure all parts of the display stay together. No exhibits may be staked to the ground for display.
8. Top heavy items should be braced or placed in a stand sufficient to prevent it from toppling over while on display.
9. Display cases for small exhibits are acceptable and must be easily opened so the item can be removed and examined as part of judging.
10. Exhibits that include weaponry of any kind will be disqualified. Weaponry is defined as any instrument, possession, or creation, physical and/or electrical that is intended to be used to inflict damage and/or harm to individuals, animal life, and/or property.
11. If the exhibit is powered by flammable liquids (gas, propane, kerosene, etc.) the fuel tank and lines should be drained and allowed to dry, to avoid spills and potential fires.
12. Electric powered (battery, corded, solar, or alternative energy) should have a primary shutoff or disconnect switch.

13. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judges' discretion, will receive a deduction in ribbon placement or a participation ribbon.
14. Each exhibit, except for display boards, must include an Ag Mechanics Welding information packet. Entry of just a packet without an accompanying exhibit is not a sufficient exhibit.
15. Each exhibitor is required to complete the "4-H STEM Ag Mechanics Welding Exhibit Information Form" for each exhibit, except for display boards, which is available through your local K-State Research and Extension office or at <http://welding.engtech4ks.com/>. This form must be attached to the outside of a 10" x 13" manila envelope. Do not tie the envelope to the exhibit.
22. Each exhibit information packet should include the following items: a. Bill of materials for the project with associated costs, scrap items used may be listed as having a \$0.00 cost. b. 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state. c. If appropriate schematics or working drawings relating to the creation or repair, this is not required for display boards. d. If appropriate operating instructions.

#### **Level I [7-8 years old]**

**5001: Welding Ag Fabrication**

**5002: Welding General Fabrication**

**5003: Smithing**

**5004: Other**

#### **Level II [9-11 years old]**

**5006: Welding Ag Fabrication**

**5007: Welding General Fabrication**

**5008: Smithing**

**5009: Other**

#### **Level III [12-14 years old]**

**5010: Welding Ag Fabrication**

**5011: Welding General Fabrication**

**5012: Smithing**

**5013: Other**

#### **Level IV [15-18 years old]**

**5014: Welding Ag Fabrication**

**5015: Welding General Fabrication**

**5016: Smithing**

**5017: Other**

Ribbons:

Champion, Reserve Champion, Blue, Red, and White

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## **AGRONOMY 4-H/FFA**

Department 170

Superintendents: *Jimmie Taul and Jamie Knabe*

4-H members in the Agronomy (Field Crops) project may exhibit grain, plants, a wheat variety plot display, or a weed control exhibit to prepare an educational display representing their project. The purpose of these exhibits is to provide a positive learning experience for youth, evaluating the accomplishments of the members within the project in that program year.

#### **Rules**

1. Read General Rules. Pre-enter by June 30.
2. The following classes will be entered in Building 21. At check-in, 4-H'ers are encouraged, but not required, to participate in consultation judging of one crop entry.

3. Exhibits should be mature if possible.
4. Every entry must be identified by hybrid or variety name.
5. If variety is NOT stated where requested OR samples not tied where requested, ribbon placing will drop one placing.
6. Limit to 4 entries per class
7. How to display: <https://bookstore.ksre.ksu.edu/pubs/c405.pdf>

#### **Corn - Ten Ear Exhibit**

**1701: White - 10 Ear. Variety or hybrid must be named.**

**1702: Yellow - 10 Ear. Variety or hybrid must be named.**

**1703: Corn. Exhibit consists of one-gallon sample. Variety must be named.**

#### **Sorghum – Ten Head Exhibit**

**1704: Hybrid Grain Sorghum - 10 Heads. Hybrid must be named.**

**1705: Hybrid Forage Sorghum - Entire plant; no roots. Hybrid must be named. 5' bundle, tied.**

**1706: Other Forage Sorghums - Entire plant; no roots. Variety must be named. 5" bundle, tied.**

#### **Sunflowers -**

**1707: Confectionery; 3 heads must be submitted.**

**1708: Confectionery seeds [in jar]; 1 gallon jar must be submitted.**

**1709: Oil Seed Heads; 3 heads must be submitted.**

**1710: Oil Seeds [in jar]; 1 gallon jar must be submitted.**

#### **Wheat - One Gallon Sample**

**1711: Soft Red Winter Wheat. Variety or hybrid must be named.**

**1712: Hard Red Winter Wheat. Variety or hybrid must be named.**

**1713: Hard White Wheat. Variety or hybrid must be named.**

#### **Hay and Other Crops –**

**Note: Exhibit to consist of one gallon sample unless otherwise noted. Variety must be named.**

**1714: Oats**

**1715: Barley**

**1716: Alfalfa**

**1717: Alfalfa 1 flake. Exhibit to be one flake or slice from a rectangular bale, or a 10-inch section cut from a round bale. The flake or slice should be approximately 6 inches in thickness and tied in two directions. Variety must be named.**

**1718: Brome Hay 1 flake. Ten-inch flake or slice, six inches thick and tied in two directions. Variety must be named.**

**1719: Brome Grass Seed**

**1720: Other Tame Grass Seed**

**1721: Soybeans: Exhibit to consist of one-gallon sample of seed from most recent harvest. Variety must be named.**

**1722: Soybeans: Bundle of five plants from most recent harvest. Variety must be named.**

**1723: Edible field beans: one-gallon sample of seed from most recent harvest.**

**1724: Edible field beans: Bundle of five plants (with roots intact) from most recent harvest.**

**1725: Miscellaneous Crops: one-gallon sample of seed or 10 heads produced from current project. Variety must be named.**

**1726: Cotton: Provide 10 open bolls, not 10 plants. Place bolls in a bag that can breathe (not a sealed plastic bag), so mold doesn't develop.**

**1727: Cool Season Grass Hay (e.g., fescue, etc.): Ten-inch flake or slice, 6 inches thick and tied in two directions. Variety must be named.**

#### **Educational Exhibit - Wheat, Weed Control, Soybean**

**1728: Educational Exhibit poster, notebook, display**

Ribbon Awards:

Champion, Reserve Champion, Purple, Blue, Red, and White

Grand Champion, Reserve Grand Champion

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## **ASTRONOMY 4-H/FFA**

Department 170

Superintendents: *Craig Shultz*

This Engineering and Technology exhibit area is designed to provide youth with the opportunity to explore space through telescopes, research, and observation.

### **Rules**

1. Read General Rules. Pre-enter by June 30. See general rules regarding specific educational display, notebook, and poster board rules.
2. 4-H members must be currently enrolled in the 4-H Astronomy program to exhibit in this division. Refer to main schedule for entry date and times.
3. Each exhibitor may enter one exhibit per class. Exhibits must have been completed during the current year.
4. Telescopes entered in this division may be a kit or original design. Beginner kits and pre-finished telescopes requiring no painting are not acceptable.
5. Telescopes should not be more than 6 feet in length. They must be placed on a stationery stand that does not allow the telescope to roll and/or fall over. The stand cannot extend past two feet in length or width.
6. Each telescope exhibit must include a "4-H Astronomy Exhibit Information Form" (found at <http://astronomy.engtech4ks.com/>) which should be attached to the outside of a 10" X 13" envelope. You must also include construction plans (or a photocopy) of the telescope and place in inside the manila envelope. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
7. Telescopes designed by the exhibitor must be original, not a modification of an existing kit.
8. At least two photographs showing telescope construction and operation are required. Photographs should be mounted on one side of an 8 1/2 "x 11" page. A brief caption should accompany each photograph. Place photos in the 10" x 13" manila envelope. Up to 10 pages of pictures can be included.
9. The telescope must be properly assembled and painted with a smooth and uniform finish. Decals, if used, should be attached smooth and tight.
10. Exhibitor's name, county, age, and year(s) in project must be tagged or labeled in a prominent location on the telescope.
11. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judges' discretion, will receive a participation ribbon.

**3101: Telescope made from kit**

**3102: Telescope made from original design**

**3103: Astronomy educational display, notebook, or poster board**

Ribbons:

Champion, Reserve Champion, Purple, Blue, Red, and White

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## **A WAY WITH WASTE 4-H**

Department 130

Superintendent: *Jamie Morgison*

### **Rules**

1. Read General Rules. Pre-enter by June 30.
2. 4-H'er must be enrolled in Self-determined, Away With Waste to enter.
3. A maximum of two items per class may be entered.
4. Please attach a 3 X 5 index card to your exhibit with a short description about the project, what you used to make the project, and what will be the future use for the project.
5. No State Fair Category for this category.

**1301: Indoor decorative items**

**1302: Outdoor decorative items**

**1303: Indoor functional items**

**1304: Outdoor functional items**

**1305: Wearable Item**

Ribbon Awards:

Champion, Reserve Champion, Purple, Blue, Red, and White

Grand Champion, Reserve Grand Champion

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## **BANNERS 4-H/FFA/FCE**

Department 140

Superintendent: *Kay Miller and Shelby Miller-Jones*

### **Rules**

1. Read General Rules. Banners must be pre-entered by June 30.
2. Entries should illustrate a phase of 4-H work being practiced by the club's members.
3. Exhibitors should avoid using copyrighted and/or trademarked materials whenever possible by originating his/her own work.
4. Banners should be made of flame-resistant materials that permit the banner to be folded or rolled without damaging the display. Objects may not be attached to the front of the banner.
5. Banners are to be no less than 12 and no more than 16 square feet, with a minimum of 3 feet on one side.
6. Banners must be hung on a rod strong enough to support the banner. On each end of the dowel stick, there must be a wire or chain 6" long. One end of the wire will be fastened to the end of the dowel. The other end will be connected to an "S" hook which will permit the banner to be hung from a suspended wire. Banners mounted any other way will not be displayed due to technical problems.
7. A label is to be attached to the front lower left-hand corner of the banner giving the name of the club, county, and year.
8. A champion and reserve champion will be chosen. **NO STATE FAIR CLASS.**

### **1401: Banner**

Ribbon Awards:

Blue, Red, and White

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## **BEEF 4-H/FFA**

Department 20

Superintendents: *Wendy Flory, Mike Lohmann, and Mike Flory*

### **Rules**

1. Read General Rules.
2. Pre-enter Beef entries by June 30.
3. All youth participating in the livestock areas of Bucket Calf, Beef, Dairy, Dairy Goats, Poultry, Rabbits, Sheep, and Swine must be certified by Youth for Quality Care of Animals (YQCA) by June 15th of the current year to show.



4. Market Beef must have been weighed and identified to a 4-H'er enrolled in Beef at the official spring weigh-in on March 10th, and this information recorded on official forms in the Douglas County Extension Office. Leased breeding animals must have a lease ID form signed and on file in the Extension Office by June 15.
5. Steer classes will be divided (if warranted) by weight such that each class will consist of 10 or fewer animals. There will be one market heifer class.
6. Steers must be physical castrates.
7. A maximum of three (3) market beef (market or feeder) will be allowed per exhibitor.
8. Market Steers must be registered to be shown in the purebred market classes. Original registration or transfer papers for steers must be in the name of the exhibitor by June 15 of the current year. Animals may be co-registered by 2 or more youth in the same family but cannot be registered in a farm name or cannot include the name of adults. Steers without registration papers will show in the Crossbred class. Papers must be presented at check-in.
9. Champion and Reserve Champion market beef in each breed may compete for Grand Champion and Reserve Grand Champion.
10. A maximum of two (2) breeding females per age may be shown by exhibitor.
11. Animals shown in market classes are not eligible for breeding classes and vice versa. This applies to both 4-H and Open Class entries. Animals are considered either breeding or market animals, not both.
12. Breed champion will be selected before moving on to next breed.
13. Original registration or transfer papers for animals in the breeding classes must be in the name of the exhibitor by June 15 of the current year. Animals may be co-registered by 2 or more youth in the same family. Breeding animals registered in a farm name or whose papers include the name of adults are not eligible to show. 4-H/FFA breeding animals that are not registered may show in the Commercial Class. For Breeding Heifers under 90 days of age, dam and sire registration information and a sales receipt will suffice. Papers must be presented at check-in. The calves in the cow/calf classes may also show in their respective breeding class provided they have the necessary breed registration papers.
14. Champion Breeding Females will be chosen in each breed from the seven (7) breeding heifer classes and the aged female classes. Cow/calf pairs are not included. Champion and Reserve females from each breed, other purebreds, and commercial classes will compete for the Supreme and Reserve Supreme Female awards.
15. Cattle must be in the stalls for public viewing when not showing or being prepared for showing until 8:00 p.m. each night. After 8:00 p.m. all beef and bucket calves may be taken to a designated tie out area. 4-H'ers are required to provide their own bedding for the tie out area. Pens inside of the cattle tie out area are prohibited unless stated otherwise by superintendents and County agents.
16. At time of pre-entry, all exhibitors will pay a \$1 per animal non-refundable fee for a veterinary visual inspection. Inspection will take place after the animal(s) have been unloaded at the fairgrounds. Cattle determined by exhibition staff to have lesions of ringworm, warts, or infested with mange will not be permitted to show.
17. For animals to be exhibited in a Showmanship class, 4-H/FFA member must own and exhibit animal in a regular class. No animal may be entered in showmanship without also being shown in a regular class. Bulls cannot be shown in showmanship classes. No premiums are paid in showmanship classes.

### **Breeding Beef**

**201: Registered Breeding**

**202: Crossbred Breeding**

**203: Get of Sire**

**204: Produce of Dam**

**205: Cow & Calf Pair**

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### **Market Steers and Market Heifers - 1000 lbs. and heavier (Classes according to breeds)**

**210: Registered Steer**

**211: Crossbred Steer**

**212: Market Heifer**

Ribbons:

### Showmanship

206: Level IV 15 yrs. & over

207: Level III 12 - 14 years old

208: Level II 9 - 11 years old

209: Level I 7 - 8 years old

Ribbons:

Champion, Reserve Champion, Blue, Red, and White

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**Pen of Three Market Beef** - Market Beef shown in this class must be owned by two (2) or more members of the same 4-H Club. Club Pens may be of mixed breeds. Only one pen per club may be entered. Beef leaders or an appointed representative of each club will be responsible for selecting and grouping animals to be shown.

### 214: Club Pen of Three Market Steers

Ribbon Awards:

Blue, Red, and White

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## BUCKET CALF 4-H

Department 10

Superintendent: *Tammy Parris-Marsh*

### Rules

1. Read General Rules.
2. Pre-enter Bucket Calf entries by June 30. Leased breeding animals must have a lease ID form signed and on file in the Extension Office by June 15.
3. All youth participating in the livestock areas of Bucket Calf, Beef, Dairy, Dairy Goats, Poultry, Rabbits, Sheep, and Swine must be certified by Youth for Quality Care of Animals (YQCA) by June 15th of the current year to show.
4. Since this is a beginner project, exhibitors who show bucket calves may not exhibit beef or dairy cattle in 4-H/FFA and Open Class divisions.
5. Animals must be calved after Jan. 1 of the current year and be calved and managed a minimum of 90 days before the fair.
6. Calves are to be hand raised; no nurse cows are allowed during the entire term of the project.
7. Bucket calves must be heifers or steers. **NO BULL CALVES.**
8. Judging will be based on exhibitor's knowledge about their project, ability to handle the calf, the general health, and overall care of the calf.
9. Animals exhibited in this class are not eligible to sell at the livestock auction nor can they be shown in any other class.
10. If numbers warrant additional classes will be added.
11. Bucket calves are not eligible for state fair.
12. Cattle and other stock must be in the stalls for public viewing when not showing or being prepared for showing, until 8:00 p.m. each night. After 8:00 p.m. all beef and bucket calves may be taken to designated tie out areas. 4-H'ers are required to provide their own bedding for the tie out area. Pens inside of the cattle tie out area are prohibited unless stated otherwise by superintendents and County agents.
13. At time of pre-entry, all exhibitors will pay a \$1 per animal non-refundable fee for a veterinary visual inspection. Inspection will take place after the animal(s) have been unloaded at the fairgrounds.

Calves determined by exhibition staff to have lesions of ringworm, warts, or infested with mange will not be permitted to show.

### **Bucket Calves**

**01: Level III (11-12 years old)**

**02: Level II (9-10 years old)**

**03: Level I (7-8 years old)**

Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White

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## **BUILDING BLOCK ENGINEERING 4-H**

Department 1450

Superintendent: Marissa & Erik Dallman

The BBE exhibit area focuses on using architectural blocks ("Legos") to construct dioramas. This project allows youth to explore architectural design in a three-dimensional space. The intent for this program is to allow youth to explore the construct and gain knowledge through interaction with a common toy. This division is not intended for youth wishing to exhibit constructed kits. Kits and non-diorama displays should not be displayed in this division.

### **Rules**

1. 4-H members must be currently enrolled in the Kansas 4-H Building Block Engineering project to exhibit in this division.
2. Each exhibitor may enter one exhibit. Exhibits must have been constructed during the current 4-H year.
3. Total exhibit dimensions may not exceed 2 feet high, by 2 feet wide, by 2 feet deep.
4. The minimum exhibit dimensions must be at least 6 inches wide and deep.
5. All exhibits should be placed in a sturdy see-through enclosure with a top, bottom, and 4 sides. A 'clear' tub turned upside down with the exhibit placed on the lid would be an acceptable enclosure. It may be desirable to place a cutting board or other hard surface between the lid and base plate of the exhibit to make it sturdier. This is to keep exhibit components from being "scattered to parts unknown" at the fair. The outer dimensions of the enclosure do not count towards the total exhibit dimensions but should not be excessive. The entire exhibit should fit in the display enclosure, so the enclosure does not smash into the exhibit during movement. Exhibitor entry tag must be in a prominent location on the display.
6. All components used in construction should be dust and hair free, clean, free of chips, scuffs, cracks, or broken blocks
7. Gaps or cracks should not be visible between assembled blocks unless they fit with the story, for example an earthquake
8. The primary building component should be interlocking blocks, commonly referred to by the brand name of Lego®
9. Other components can be integrated into dioramas to illustrate architectural aspects that may be difficult to convey with traditional interlocking blocks, for example marbles for small round objects
10. The use of existing "store bought" sets for major elements of the display are not allowed, use of figurines from sets is allowed as is using individual bricks or small sub-assemblies to create something different than the set it came from. For example, a car hood or front end from a car kit could be used in a "car museum," just not the entire car. The intent of this is to ensure fairness among exhibitors and encourage maximum creativity instead of just following a set of plans.
11. Dioramas should be suitably complex and have multiple elements, for example, a campsite that has a log cabin, a tree fort, and a car.
12. All dioramas should have a story, which is part of the information pack, that describes what is happening in the diorama; this can be as simple (the nursery rhyme "Jack and Jill" for example) or complex as needed to explain to someone looking at the exhibit what is happening.
13. Vehicles that are intended to stay in a single place should be affixed to base plates with sticky tack, hot glue, or other method

14. Mechanical enhancements or motion elements that add motion to the diorama are acceptable and encouraged. For example, marry-go-rounds, doors, elevators, gears, marbles going down a channel, flapping wings, animatronics, etc. If included judges should be able to use them and instructions should be provided for operation either in the story or on a separate page.

15. Artistic designs, for example recreating paintings like the “Mona Lisa” or “Starry Nights” and structures like “David” are not permitted as exhibits and one ribbon placing should be deducted, these exhibits should be displayed in Visual Arts.

16. Each exhibitor is required to complete the “4-H Building Block Engineering Exhibit Information Form” which is available through your local K-State Research and Extension office or at <http://blocks.engtech4ks.com/>. This form must be attached to the outside of a 10” x 13” manila envelope. Do not tie the envelope to the exhibit. All revisions of forms previously released for the division dated prior to current year are void for use and new forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year.

17. Each exhibit information packet should include the following items: a. 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state. Final pictures help in determining where a part might go in case something comes loose. b. If appropriate operating instructions for mechanical portions of the diorama.

18. See general rules regarding specific educational display, notebook, and poster board rules.

#### **Level I [7 - 8 years old]**

**145001: Interlocking brick diorama built from scratch.**

**145002: Building Block Engineering educational display, notebook, or poster board**

#### **Level II [9 - 11 years old]**

**145003: Interlocking brick diorama built from scratch.**

**145004: Building Block Engineering educational display, notebook, or poster board**

#### **Level III [12 - 14 years old]**

**145005: Interlocking brick diorama built from scratch.**

**145006: Building Block Engineering educational display, notebook, or poster board**

#### **Level IV [15 – 18 years old]**

**145007: Interlocking brick diorama built from scratch.**

**145008: Building Block Engineering educational display, notebook, or poster board**

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## **CLOVERBUDS 4-H**

Department 145  
Superintendent: *Kjirsten Abel Ruch*

### **Rules**

Cloverbud members may exhibit or showcase activity-related items from their Cloverbuds’ experiences. Clover bud members may not participate as competitive exhibitors and are not eligible to receive premiums or awards that are given in traditional 4-H events Cloverbuds will receive participation ribbons.

1. Two exhibits per member. Refer to main schedule for entry date and times.
2. Hand Pets: see PETS.

### **145: Scrapbook, Craft Item, Poster, or Project Display**

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## **CONSTRUCTION ZONE 4-H**

Department 1450  
Superintendent: *Erik Dallman*

### Special Rules

10. Read general rules. Pre-enter by June 30. Exhibitors need **not** be enrolled in Visual Arts.
11. Exhibits in the Construction Zone class must be built or constructed from commercially sold building kits or materials, such as Lego, Mega Blocks, or Kinex. Construction pieces cannot be entered in Visual Arts. Consultation Judging is highly recommended for this class.
12. Exhibitors may only enter 1 exhibit.
13. Entries must not be larger than 24" long x 48" high x 12" wide. Projects cannot be secured. The Fair Board is not responsible for projects breaking or pieces being lost.
14. Building instructions must accompany the project.
15. If you modify a kit, please explain on a 3x5 note card how the plans were modified.
16. For each exhibit, complete the Visual Arts Exhibitor form found on the Douglas County Extension Service Website (<http://douglas.ksu.edu>) look under 4-H tab for Exhibitor Forms. When entering the exhibit, each item must have an entry tag and a form.

### All Ages:

#### 45001: Project from a Kit

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Ribbon Awards:

Grand Champion, Grand Reserve Champion, Champion, Reserve Champion, Purple, Blue, Red, and White

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## COMPUTER SCIENCE 4-H

Department 310

Superintendent: *Craig Shultz*

The Kansas 4-H Computer Science System portion of the computer project is designed to allow 4-H members to explore how information is moved from one part of the computer to the other; how information is moved between two or more computer systems (networking); how information is stored; or how information is acted on (programming).

### Rules:

1. The actual construction of computer hardware (i.e., building a computer, electronic devices with a motherboard-based manipulation) will remain in the Energy Management division.
2. 4-H members must be currently enrolled in the 4-H Computer project to exhibit in this division.
3. Each exhibitor may enter one exhibit per class. Exhibits must have been completed during the current 4-H year.
4. Exhibitor's name, county or district, 4-H age, and years(s) in project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook, and/or poster.
5. See general rules regarding specific educational display, notebook, and poster board rules.
6. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judges' discretion, will receive a participation ribbon.
7. All exhibits other than posters, display boards, and notebooks must be:
  - a. Self-contained on a USB drive (thumb drive, flash drive, jump drive, or other any other name for a small USB storage device; the rules will use "USB drive"). This means that a judge can plug in the USB drive into a computer and be able to run the exhibit as described below.
- OR
- b. System-On-A-Chip (SOC) (such as Raspberry Pi) or a Micro-Controller (such as an Arduino or Ozobot) AND is a compact (less than 8"x8"x8") system, which can be programmed AND requires minimal assembly to operate (e.g., connecting power, display, and keyboard/mouse cables). Referred to as a "chip system" through the rest of the rules.
8. Physical computers such as tablets, smart phones, laptops, or personal computers (PCs) will not be accepted as an exhibit.
9. "Chip systems" may use/include GPIO bread boards or HATs (Hardware Attached on Top) the size of which is not included in the size of the chip system, however the total size of the chip system and GPIO devices may not exceed 24"x24"x24" including any protective enclosures.
10. Any attached GPIO devices are not judged for electrical construction or quality as this division is focused on the operational aspects of the systems that have automated articulated structures (arms, wheels, grippers, etc.) which the

- exhibitor constructed, some of these systems can also be classified as a STEM robot, and the exhibitor must decide which division to exhibit in as the exhibit may not be entered in both divisions.
11. For chip systems, all electric components of the system must be adequately covered or concealed with a protective enclosure. Paper is NOT considered an adequate enclosure or covering for the electrical components.
  12. All revisions of all forms previously released for the computer division either undated or dated prior to current year are void for use and new forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year. Use of old forms will result in the loss of one ribbon placing for exhibits.
  13. For all computer system entries the following items are required as part of an exhibit packet:
    - a. A manila envelope with the Computer Exhibit Form attached to the front, this form can be downloaded at [www.STEM4KS.com](http://www.STEM4KS.com).
    - b. A USB drive labeled with the 4-Hers name, county/district, and club; in a way that does not prevent it from being plugged into a computer.
    - c. For exhibits that are entered on USB drives, at least one (1) graphic (picture, screen shot/capture, slide, etc.) of the project must be printed out on an 8.5" X 11" sheet of standard paper, placed in a plastic sheet protector, to allow for proper display and recognition at the Kansas State Fair. Additionally, this graphic should be included on the USB drive and given the name "display graphic." This is what will be displayed during the fair, all other materials will be sent back to the county/district office. On the back side of the graphic the 4-Her's name, county/district, and club should be listed.
    - d. Instructions to run any part of the exhibit on the USB drive. (There should be at least three (3) items in your manila envelope: USB drive, graphic and instructions).
  14. Each exhibit must be accompanied by a "4-H Engineer's Journal." The engineer's journal should be typed. It can either be included electronically on the USB drive (preferred) or printed and placed in the manila envelope.
  15. The "4-H Engineer's Journal" should start with a dated entry describing what the 4-H member is trying to accomplish/build.
  16. The "4-H Engineer's Journal" should conclude with a dated entry describing what the 4-H member achieved in creating. (The start and end many times will be different. The judges are interested in the journey).
  17. Additional entries in the "4-H Engineer's Journal" should be made as progress occurs describing successes and failures; as well as the steps done and any sources of information including links used.
  18. Pictures can also be included in the "4-H Engineer's Journal" but should not be more than 50% of the entries.
  19. The "4-H Engineer's Journal" should contain at least one graphic.
  20. The "4-H Engineer's Journal" must be at least 3 pages in length.
  21. An example of a "4-H Engineer's Journal" can be found at [www.Ka.com](http://www.Ka.com).
  22. The "4-H Engineer's Journal" will comprise 50% of the overall exhibit score. Failure to include a "4-H Engineer's Journal" will result in the exhibit being disqualified.
  23. If the exhibit is a program, application, app, web site, or requires any coding, the source code must be included on the USB drive. Failure to include a copy of the "source code" may result in up to one ribbon place deduction.
  24. Flow diagrams or decision trees showing the logical flow of the system must be included on the USB drive for all exhibits.
  25. 4-Hers should bring a computer that will run their project to the fair for judging as judges typically do not bring computers with them. Operating instructions are still required. Instructions should be written as though you were helping a less techy person, (like a grandparent) use the USB drive with a computer similar to what is described in rule 9 below. An example of instructions can be found at [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com).
  26. Each exhibit must accomplish a specific automated task using a computer, a chip system, or virtual machine (VM).
  27. Check with the extension office to see if an Internet connection will be available at the fair. Internet based content may be included in exhibits. Exhibitors should take great care and only go on-line with their guardian's permission. Usernames and passwords should not be included in exhibits. If they are required to view the content, a temporary user account and/or password should be created for judging at the fair once judging is complete the username and password should be disabled on the account. If a separate user account is not possible, the content should be included as part of the video. **YOU SHOULD NOT SHARE YOUR USERNAME OR PASSWORD WITH OTHERS.**
  28. All licensing should be adhered to for any software used in the exhibit. Failure to do so will result in a reduction of one ribbon placing and may not be considered for best of show.
  29. The creation of viruses, malware, malicious applications or code, defamatory language, or graphics, bullying, or any material that is "mean," "dangerous," or harmful according to the judge's opinion will result in the exhibit being disqualified.
  30. Pictures or still graphics created are not eligible for entry as a project in this division and should be entered in the appropriate photography division.
  31. Judging will be based on a score sheet which can be found at [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com). There are four (4) areas each exhibit will be judged on. They are:
    32. 4-H Engineers Journal (what I learned to make it work), 50% overall score
    33. Instructions (how I help others make it work), 25% overall score
    34. Functionality (does it work), 12% overall score
    35. Diagrams (and code if applicable) (how I think it works), 13% overall score

## Computer Systems

**3103: Computer program, application, app, script or 4 coded system that is new and unique (not merely a file run in a program, such as a “word document” or a picture drawn in “Microsoft Paint”).)**

**3104: Computer presentation (PowerPoint, web page/site, animated graphics, etc.)**

**3105: Single computer system web server, database server, etc.)**

**3106: Networked system consisting of two or more computers.**

**3107: Chip system – a small (4”x4”x4”) programmed physical device that accomplishes a specific task**

**3108: Computer Systems educational display, poster board, or notebook**

Ribbons:

Champion, Reserve Champion, Purple, Blue, Red, and White

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## DAIRY CATTLE 4-H/FFA

Department 30

Superintendents: *Sherri Bray*

### Rules

1. Read General Rules.
2. Pre-enter Dairy Cattle entries by June 30.
3. All youth participating in the livestock areas of Bucket Calf, Beef, Dairy, Dairy Goats, Poultry, Rabbits, Sheep, and Swine must be certified by Youth for Quality Care of Animals (YQCA) by June 15th of the current year to show.
4. You must own or lease all the animals you exhibit. For animals you own, registration or transfer papers must be in the 4-H/FFA member's name and dated before June 15 of the current year. Leased animals must have a lease ID form signed and on file in the Extension Office by June 15. Only heifers may be leased for showing. Identified grade Holsteins and DHIA-VIP animals are eligible to show. Other grade animals must have ownership verified by Extension Agent or Vocational Agriculture Instructor.
5. Each breed will be shown separately.
6. All lactating dairy cows may be brought to the fairgrounds, shown, and taken home on the day of the county fair dairy show.
7. Exhibitors are requested to be neatly and appropriately attired (preferably in white) when showing their animals in the ring.
8. All ages of one breed will be shown before advancing on to the next breed.
9. At time of pre-entry, all exhibitors will pay a \$1 per animal non-refundable fee for a veterinary visual inspection. Inspection will take place after the animal(s) have been unloaded at the fairgrounds. Cattle determined by exhibition staff to have lesions of ringworm, warts, or infested with mange will not be permitted to show.
10. For animal to be exhibited in a showmanship class, 4-H/FFA member must own and exhibit animal in a regular class. No animal may be entered into a showmanship without also being shown in a regular class.

### Showmanship

**301: Level IV 15 yrs. & over**

**302: Level III 12 - 14 years old**

**303: Level II 9 - 11 years old**

**304: Level I 7 - 8 years old**

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Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White

### Females

**305: Jr Calf**

**306: Intermediate Calf**

**307: Senior Calf**

- 308: Summer Yearling
  - 309: Jr Yearling
  - 310: Winter Yearling
  - 311: Sr Yearling
  - 312: 2-year-old
  - 313: 3-year-old
  - 314: 4-year-old
  - 315: Aged Cow
  - 316: Dry Cow
  - 317: Best Three Females
  - 318: Produce of Dam
  - 319: Dam and Daughter
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Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White

Grand Champion, Reserve Grand Champion

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## DAIRY GOATS 4-H/FFA

Department 40

Superintendents: *Richard & Kelly Williams and William Vesecky*

### Rules

1. Read General Rules.
2. Pre-enter Dairy Goats by June 30.
3. All youth participating in the livestock areas of Bucket Calf, Beef, Dairy, Dairy Goats, Poultry, Rabbits, Sheep, and Swine must be certified by Youth for Quality Care of Animals (YQCA) by June 15th of the current year to show.
4. Exhibitors may enter no more than two (2) dairy goats per class with a maximum of eight (8) dairy goats.
5. Enter the animals in the age class for which the age the animal will be on the day of the show.
6. In all classes an exhibitor is the owner of the animal.
7. Exhibitors are requested to be neatly and appropriately attired (preferably in white) when showing their animals in the ring.
8. Crossbred does will be shown in the grade doe classes.
9. For sanitary reasons, all milk stands brought to the fair must be clean and checked in by the superintendent.
10. Horns are allowed on market goats only, not on breeding goats.
11. At time of pre-entry, all exhibitors will pay a \$1 per animal non-refundable fee for a veterinary visual inspection. Inspection will take place before the animal(s) have been unloaded at the fairgrounds. Goats determined by exhibition staff to have lesions of ringworm, warts, or infested with mange will not be permitted to show.
12. All sexually intact goats (does and bucks) must be identified with a registered tattoo or an official USDA premise ID tag. Kids under 8 weeks of age, accompanying their dams, are exempt from identification requirements.
13. For animal to be exhibited in a showmanship class, 4-H/FFA member must own and exhibit animal in a regular class. No animal may be entered into showmanship without also being shown in a regular class. no premiums are paid in showmanship classes.
14. Leased breeding animals must have a lease ID form signed and on file in the Extension Office by June 15.

### Showmanship

401: Level IV 15-18 yr. old

402: Level III 12-14 yr. old



**403: Level II 9-11 yr. old**

**404: Level I 7-8 yr. old**

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Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White

### **Does**

**405: Under 4 months of age**

**406: 4-8 months of age**

**407: 8-12 months of age**

**408: 12-24 months of age**

**409: under 2 yrs. (fresh or in milk)**

**410: 2-3 yrs. (fresh or in milk)**

**411: over 3 yrs. (fresh or in milk)**

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Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White

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## **DOG 4-H**

Department 50

Superintendent: *John and Lauren Berg*

### **Rules**

1. Read General Rules.
2. Pre-enter Dog entries by June 30.
3. Dogs are not allowed to run at large or accompany owner on fairgrounds before, during, and following a show.
4. All contestants will adhere to the current Kansas 4-H Dog Show Guidelines for general show rules. A list of Obedience Class Descriptions and Requirements is available at the Extension office.
5. Exhibitor must care for, train, and show the dog. Exhibitors may enter only one dog per class.
  1. Two 4-H members from the same family may share a dog, but the dog can only be entered in one showmanship class and only one obedience class.
7. Each dog must be trained and shown with a 6-foot leather or nylon leash and a training collar.
8. Any abuse of dogs on grounds, or in the ring will result in disqualification.
9. Dogs should be relieved in the designated area north of the judging arena.
10. No dog in season will be allowed to show.
11. Any dog fouling the ring will receive a white ribbon. Dogs exhibiting extremely aggressive or vicious behavior will be excused from the ring.
12. Baiting dogs is not allowed.
13. Costume - fun class, judged by originality in costume. Exhibitors must compete in Showmanship and/or Obedience class to participate in Costume Class.
14. State 4-H Dog Show Immunization Record (MG-34 Revised, October 2017) must be completed on each dog entered at the 4-H Dog Show. The record may be printed on any color paper. Originals or photocopies are acceptable. The fully completed form must be presented to the superintendent at check-in on the day of the show to be eligible to compete. Required vaccinations include Distemper, Hepatitis, Parvo virus, Parainfluenza, and Rabies. The Rabies vaccination must be administered by a licensed veterinarian. All vaccinations must be current. Dogs must be at least 6 months of age at the time of the show.

### **Cloverbuds**

Cloverbuds age 5 and 6 to give a short “show and tell” presentation to develop self-confidence, to feel the satisfaction of having completed an activity, and to learn it’s the process and fun of participating and not the

product, which is important. This is a non-competitive event and every Cloverbud will receive a participation ribbon.

### **Showmanship**

**501: Showmanship Lv IV 15-18 yr. old**

**502: Showmanship Lv III 12-14 yr. old**

**503: Showmanship Lv II 9-11 yr. old**

**504: Showmanship Lv I 7-8 yr. old**

**505: Cloverbuds Show & Share**

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Ribbon Awards:

Champion, Reserve Champion, Purple, Blue, Red, and White

### **Obedience**

**506: Jr Sub Novice (7-year-olds)**

**507: Puppy-dog under 1 yr. of age**

**508: Sub Novice A (Exhibitor and dog first time showing.)**

**509: Sub-Novice B (Exhibitor and dog have shown once. The exhibitor needs two blues or higher to move pass this level. Will move the level after the second blue or higher is won.)**

**510: Novice A (Exhibitor and dog first time showing this level.)**

**511: Novice B (Exhibitor and dog have shown once. The exhibitor needs two blues or higher to move pass this level. Will move the level after the second blue or higher is won.)**

**512: Graduate Novice (Exhibitor needs two blues or higher to move pass this level. Will move the level after the second blue or higher is won.)**

**513: Open A (Exhibitor needs two blues or higher to pass this level. Will move the level after the second blue or higher is won.)**

**514: Open B (Exhibitor needs two blues or higher to pass this level. Will move the level after the second blue or higher is won.)**

**515: Utility A (Exhibitor needs two blues or higher to move pass this level. Will move the level after the second blue or higher is won.)**

**516: Utility B**

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Ribbon Awards:

Champion, Reserve Champion, Purple, Blue, Red, and White

### **Costume**

**517: Costume Class**

Ribbon Awards:

Purple, Blue, Red, and White

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## **ELECTRIC & RENEWABLE ENERGY 4-H**

Department 180

Superintendent: *Craig Shultz*

Through Electric/Electronics or Small Engines, you will have the opportunity to educate others about what youth have learned through the project or to promote the benefits of participation in those project areas.

### **Rules**

1. Read General Rules. Pre-enter by June 30.
2. Refer to schedule of events for entry times.
3. Carefully read the judging sheet for Electric/Electronic projects and be certain that your project meets each, and every one of the judging criteria.
4. Exhibitor may enter no more than one article in each class.
5. Articles that have been in use should be cleaned for the exhibit.

6. A sheet of operating instructions must be furnished for any exhibit, not self-explanatory.
7. Exhibit must be operable. If battery power is required, batteries must be furnished.
8. Any project with a complexity of size or electronics must have (a) instructions for assembly and use and (b) equipment available at the time of judging for actual testing of the exhibit.
9. No hand dipped solder may be used on exhibits.

**1801 AC Electric** – Electric projects with a 110 or 120 V alternating current (AC) power source. Some project examples are household wiring demonstrations, small appliances extension cords, trouble lights, indoor or outdoor wiring boards, or shop lights. Projects may be a restoration or original construction. The project must be operational and meet minimum safety standards. AC projects must be 110/120 V no 240 V exhibits are allowed and must be constructed such that the judges have wiring access to examine the quality and safety of workmanship.

**1802 DC Electric** – Electric projects with a battery or direct current power source. This class includes electric kits or original projects. This class also includes demonstration DC powered projects. Examples include wiring two- or three-way switches, difference between series/parallel lighting circuits or wiring doorbells switches. All DC electric projects must include batteries supplied by 4-H'er. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.

**1803 Electronic**– Electronic projects with a battery or direct current power source. This class includes electronic kits or original projects. Examples include radios, telephones, toy robots, light meters, security systems, etc. May be constructed using printed circuit board, wire wrap, or breadboard techniques. Include instruction/assembly manual if from a kit. Include plans if an original project. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.

**1804 Educational Displays and Exhibits** – The purpose of the educational display and exhibit is to educate the viewer about a specific area of the 4-H energy management project. The display or exhibit should illustrate one basic idea. This class includes any educational displays, exhibits or science fair type projects such as posters or displays of wire types, conduit types, electrical safety, tool or motor parts identification or electrical terminology.

## ALTERNATIVE ENERGY

**(A form of energy derived from a natural source, such as the sun, geothermal, wind, tides, or waves)**

All exhibits in this division are limited in size to standard, tri-fold display boards (36" X48") and items may not extend beyond 12" from the back board. All displays must be self-standing.

**1808 Educational Display** – Create an exhibit that addresses a focused topic related to power generated from a renewable energy source. The purpose of the exhibit is to inform and create awareness.

**1809 Experiment** – Display an experiment addressing a problem or question related to power generated from a renewable energy source. Include hypothesis, background research, variable, a control, data, findings, conclusions, and recommendations for future study.

Ribbon Awards:

Champion, Reserve Champion, Purple, Blue, Red, and White

Grand Champion, Reserve Grand Champion

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## ENTOMOLOGY 4-H/FFA

Department 190

Superintendent: *Alicia Thomas*

If you've ever chased butterflies, caught a ladybug for a closer look, or planted a pollinator garden, the entomology project may be a great fit. You'll learn the anatomy of insects; the importance of pollinators, make an insect net; and possibly create an insect collection. Later, you'll study how insects move, learn about insecticides, and explore insect behavior.

### Rules

1. Read General Rules. Pre-enter by June 30.

2. Refer to schedule of events for entry times.
3. 4-H'ers are encouraged, but not required, to sign up for consultation judging on one (1) entry.
4. All exhibits in this division must be entered at this time.

A 4-H member may exhibit in the ENTOMOLOGY COLLECTION, ENTOMOLOGY NOTEBOOK and/or EDUCATIONAL DISPLAY categories. Within each category there are classes in Beginning, Intermediate or Advanced phases in which they enroll. The Notebook category also has an Introductory class that 4-Hers may exhibit in the State Fair if they meet age requirements and County Fair ribbon placing requirements. An Introductory Entomology Collection Class exhibit is encouraged for the county fair (first year members only), but these may not be exhibits at the State Fair. See class descriptions within categories for requirements.

Resources for exhibiting can be found on the Kansas 4-H Entomology project page.

### **COLLECTION CLASSES**

1. All entries should be submitted in an 18 x 24 x 3.5-inch wooden display box with a clear plastic top (such as plexiglass). Boxes can be handmade or purchased as long as they are of the correct size and do not have a glass top. Please visit the website listed above for box instructions and plans.
2. 4-Hers may choose to use one of the two taxonomies:
  - a. As printed in "Insects in Kansas" book or
  - b. As printed on the "Insects in Kansas Book: 2016 Revised Taxonomy", which follows [www.bugguide.net](http://www.bugguide.net)
3. Each exhibitor is required to identify each box with two identification labels bearing exhibitor's name, county or district, the class and state of taxonomy used. One label goes in the upper left corner of the box (inside) and the other on the lower right corner of the box (outside). Arrange specimens in the box so it can be displayed lengthwise.
4. The number of orders, specimens (and families where required) must be included on both exhibitor's box identification label. Only one adult insect per species can be used in the Collection Boxes Notebook Classes, unless labeled as male or female and correctly identified.
5. Arrange specimens in groups or rows parallel to the short sides of the box. Specimens are to be arranged by Order in the box, then family where required. For each collection class, two labels will be centered on the pin beneath each specimen. First (closest to the specimen) is the common name label and the second label should include date/locality.
6. Two labels should be centered on the pin beneath each specimen. First (closest to the specimen) is the common name label and the second label should include date/locality. Full County name and state abbreviation should be on the second label. Collector's name (or host) on the date/locality label is optional.
7. The specimens should be collected by the exhibitor and should focus on Kansas insects. Insects may be collected from one county into bordering states and labeled accordingly. Please refer to "Entomology Collection Exhibit Resource" for full details on out-of-State insects in collections.
8. Only specimens of the class Insecta should be included.
9. Purchased insects are not to be exhibited in collections, but they may be used in educational displays.
10. Specimens of soft bodied insects such as aphids, lice, termites, etc. should be exhibited in alcohol filled vials; however, the use of alcohol filled vials should be limited to only those specimens that lose their shape when pinned, since the vials pose a significant hazard to the rest of the collection if they become loose in transit.
11. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Examples would include, but are not limited to: incorrect display box size, missing paper work, feet on display boxes, no special project in notebooks, etc.

### **1901 INTORDUCTORY ENTOMOLOGY**

Insect collection of a least 6 orders, including 15-30 species to be shown in 1 regular entomology size box or 2 small entomology boxes and grouped according to order. Insect names are not necessary on individual specimens, but date/locality labels are required (No State Fair class).

### **1902 BEGINNING I ENTOMOLOGY COLLECTION**

Display in one standard box a minimum of 50 and maximum of 125 species representing at least 7 orders. Follow the general guidelines listed for Collections. Members can exhibit in this class a maximum of 3 years, or until they receive a purple ribbon at the Kansas State Fair, whichever comes first and then they are moved up a division.

### **1903 BEGINNING II ENTOMOLOGY COLLECTION**

Display in one standard box a minimum of 75 and maximum of 150 species representing at least 9 orders. Follow the general guidelines listed for Collections. Members can exhibit in this class a maximum of 3 years, or until they receive a purple ribbon at the Kansas State Fair, whichever comes first and then they are moved up a division.

### **1904 INTERMEDIATE ENTOMOLOGY COLLECTION**

Display a minimum of 100 and a maximum of 300 species representing at least 10 orders. Two standard boxes can be used. Follow the general guidelines listed for Collections. In addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging)

- a) "Insects In Kansas" book - Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or
- b) Insects in Kansas Book: 2016 Revised Taxonomy", which follows [www.bugguide.net](http://www.bugguide.net) – Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera

On a piece of paper list what you did to improve your collection during the current year. Examples: what insects did you add or replace; what orders and/or families you added; what Leadership you provided in this project; and/or what insects you have studied. Attach paper to the front of one of the display boxes. Members can exhibit in this class a maximum of 3 years. A 4-H'er will move up if they receive a purple ribbon at the Kansas State Fair.

### **1905 ADVANCED ENTOMOLOGY COLLECTION**

Display a minimum of 150 and a maximum of 450 species representing at least 12 orders. Three standard boxes can be used. Follow the general guidelines listed for Collections. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. On a piece of paper list what you did to improve your collection during the current year. Examples: what insects did you add or replace; what orders and/or families you added; what Leadership you provided in this project; and/or what insects you have studied. Attach paper to the back of one of the display boxes. Members may continue to exhibit in this class at the Kansas State Fair for an unrestricted number of years if they remain eligible for 4 H membership.

## **NOTEBOOK CLASSES**

### **General Guidelines**

1. Individual entries are to be placed for display in a three-ring notebook for competition.
2. 4-H'ers may choose to use one of two taxonomies:
  - a. as printed in "Insects in Kansas" book or
  - b. as printed on the "Insects in Kansas Book: 2016 Revised Taxonomy", which follows [www.bugguide.net](http://www.bugguide.net).
3. 4-H'ers who have been previously enrolled in or are currently enrolled in the other phases of the Entomology project need to start with the Beginning Phase of Entomology Notebooks, not the Introductory phase.
4. Each exhibitor is required to identify the notebook by placing a Title Page in the front of the notebook bearing the exhibitor's name, county or district and class 4-H'er is enrolled in and statement of taxonomy used:
  - a. "Insects in Kansas" book or
  - b. Insects in Kansas Book: 2016 Revised Taxonomy", which follows [www.bugguide.net](http://www.bugguide.net)The number of orders, specimens, and families (required in Intermediate and Advanced classes) must also be included on the Title page.
5. Specimen pages should be grouped according to order and should include one page per species. If more than one insect is in the photo, an arrow to indicate identified insect should be used.
6. Date, common name, full county name, state abbreviation and collector name should be included for each species. Collector's name on the specimen page is optional

7. Specimen pages should have two different views of the insect if possible. If pictures are taken on different dates/localities, include information for both.
8. A statement describing the habitat where found/host plant may be included and is encouraged and will be worth a bonus 10 points total, not per page. For Intermediate and advanced notebooks, this is strongly encouraged.
9. For the Intermediate and Advanced classes, insects are also to be grouped by family behind each order divider.
10. A divider page is to be placed in front of each order of insects with the order name printed on the tab for the page and on the front of the divider page.
11. If the exhibitor has been in the same class for more than one year, a separate sheet of paper needs to be added stating how many years the exhibitor has been in this class of the project and what the exhibitor did this year to improve their notebook. Place the paper just behind the Title Page in the front of the notebook.
12. A special project must be completed each year and included in the notebook. See project guideline materials for specifications.
13. Refer to the publication "Entomology Collection Notebook Guidelines" on the Kansas 4-H Entomology web page for more detailed rules for exhibiting.
14. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Examples would include, but are not limited to: incorrect display box size, missing paper work, feet on display boxes, no special project in notebooks, etc.

#### **1906 BEGINNING I ENTOMOLOGY NOTEBOOK**

Display a minimum of 10 and a maximum of 30 insect species representing at least six different orders. Follow the general guidelines listed for Notebooks, including the Special Project. A 4-H'er may exhibit in this class for a maximum of two years.

#### **1907 BEGINNING II ENTOMOLOGY NOTEBOOK**

Display a minimum of 20 and a maximum of 60 insect species representing at least seven different orders. Follow the general guidelines listed for all Notebooks, including the Special Project. A 4-H'er may exhibit in this class for a maximum of three years or until they receive a purple ribbon, whichever comes first.

#### **1908 INTERMEDIATE ENTOMOLOGY NOTEBOOK**

Display a minimum of 60 and a maximum of 100 species representing at least 9 orders. Follow the general guidelines listed for Notebooks, including the Special Project. In addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging)

*"Insects in Kansas"* – Orthopters, Hemipters, Homopteran, Coleoptera, Hymenoptera, and/or Diptera or

*"Insects in Kansas Book: 2016 Revised Taxonomy"* which follows [www.bugguide.net](http://www.bugguide.net) – Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera.

A 4-H'er may exhibit in this class for a maximum of three years. A 4-H'era may move up if they receive a purple ribbon.

#### **1909 ADVANCED ENTOMOLOGY NOTEBOOK**

Display a minimum of 100 and a maximum of 200 species representing at least 12 orders. Follow the general rules listed for Notebooks, including the special Project. Follow the general guidelines listed for notebooks. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable if accuracy is maintained. Members may continue to exhibit in this class for an unrestricted number of years if they remain eligible for 4-H membership.

### **EDUCATIONAL DISPLAY CLASSES** General Guidelines

1. Share with others what you have learned in this project. Exhibit any activity or learning experience related to the field of entomology or the Teaming with Insects curriculum that does not fit into Entomology Collection or notebook classes above.
2. Follow Copyright laws as explained in the General Rules.
3. The exhibit may be, but isn't limited to, original works, digital presentations (must provide printed hardcopy for exhibit purposes for the duration of the fair), programs, websites, games, apps, display box, notebook, display or poster which you have made.
4. If the exhibit is a wooden display box, it must be 18 x 24 x 3.5 inches with a clear plastic top (such as plexiglass) and displayed horizontally. If the exhibit is a poster, it must not be larger than 22" x 28". If the exhibit is a display, maximum size is not to exceed a standard commercial 3' x 4' tri-fold display board.
5. Name and county/district must clearly be marked on educational exhibits.

### **1910 BEGINNING EDUCATIONAL DISPLAY**

Class for individuals that are exhibiting the Beginning I and II Collection or Beginning Notebook Classes. Follow the general rules listed for Educational Displays.

### **1911 INTERMEDIATE EDUCATIONAL DISPLAY**

Class for individuals that are exhibiting in the Intermediate Collection or Intermediate Notebook Classes. If only exhibiting in this category, then ages 11-14

### **1912 ADVANCED EDUCATIONAL DISPLAY**

## **MONARCH BUTTERFLY EDUCATIONAL DISPLAY CLASSES**

### **General Guidelines**

1. Exhibits should teach the public about the Monarch Butterfly and/or ways to protect and conserve it. The information could show nectar sources for adult butterflies and food sources for caterpillars, Monarch tagging activities, collection of native milkweed and then packaging it to give to others to plant, a group working together to plant a Monarch friendly garden, etc.
2. 4-Hers may create a poster, notebook, standard size trifold, diorama, slide show, or other visual display that shows information on Monarch Butterflies.
3. If a slide show is created, it should be presented on a zip drive along with a printed copy of the presentation.

### **1913 BEGINNING MONARCH BUTTERFLY EDUCATIONAL DISPLAY**

For 4-H members enrolled in Beginning I or II Entomology

### **1914 INTERMEDIATE MONARCH BUTTERFLY EDUCATIONAL DISPLAY**

For 4-H members enrolled in Intermediate Entomology

### **1915 ADVANCED MONARCH BUTTERFLY EDUCATIONAL DISPLAY**

For 4-H members enrolled in Advanced Entomology

Class for individuals that are exhibiting in the Advanced Collection or Advanced Notebook Classes. If only exhibiting in this category, then ages 13 or older.

Ribbon Award:

Champion, Reserve Champion, Purple, Blue, Red, and White

Grand Champion, Reserve Grand Champion

## **FIBER ARTS- 4-H**

Department 120

Superintendent: *Pam Johnston*

Fiber arts is defined as the practical skills passed down from preceding generations that were developed to provide basic family needs, such as apparel, home furnishings or decorations.

NOTE: Fiber Arts include Crochet, Knitting, Needle Arts, Patchwork, Quilting, Rug Making, Spinning, Weaving, Ethnic Arts and Macramé.

## Rules

1. Read General Rules. Pre-enter by June 30. Exhibitor must be enrolled in Heritage Fiber Arts
2. Identification labels should be a 2 ½ x 3-inch piece of cloth on which you type or print class number, county, and name. Sew or safety pin labels on. Label each piece.
3. An exhibitor may enter up to 4 entries per class.
4. When articles which are normally worn as a pair are exhibited, both articles must be shown together. Fasten articles together securely with yarn.
5. The exhibitor may attach an index card, no larger than 3" x 5", with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know. Explain whether you created the fabric for a knitted article by hand or by a knitting machine. Explain if the article is an original design.
6. When the exhibit is a sewed garment that also includes one or more Heritage Fiber Art techniques (i.e., knitting, crochet, needle arts, or patch work and quilting), the determination of what division (Clothing or Fiber Arts) and class in which to enter will be left with the 4-H participant. For quilted items indicate who did the quilting and binding.
7. All exhibits which need to be hung MUST have the appropriate hanger, rod, wire, or other mechanism attached in order to be properly displayed.
8. 4-H'ers are encouraged, but not required, to sign up for consultation judging on one (1) entry. All exhibits in this division must be entered at this time
9. This division is eligible for State Fair exhibit if the entry receives a purple ribbon, and the exhibitor meets the age requirements.

1218: Lv I 7-8 yr. old

1219: Lv II 9-11 yr. old

1220: Lv III 12-14 yr. old

1221: Lv IV 15-18 yr. old

1222: Fiber Arts Educational Notebook

**Fiber Arts Educational Notebook** – Share with others what you learned in this project about a particular Fiber Art. Exhibits should be in the form of a notebook or binder. The notebook should include a narrative section describing the fiber art. It should include a clear description of the project, technique, budget, supplies, goals, accomplishments, successes, failures, and the future plan for art. It may include samples of techniques, how-to, photographs of completed projects, or other ways of educating others about fiber arts. **NOTE:** a collection of brochures, web pages, patterns, record book forms, etc. does not constitute an educational notebook. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Name, local club, and fiber art covered must be clearly marked in the notebook.

Ribbon Awards:

Champion, Reserve Champion, Purple, Blue, Red, and White

Grand Champion and Reserve Grand Champion

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## FLOWERS 4-H/FFA

Department 200

Superintendent: *Sue Ashcraft*

## Rules

1. Read General Rules. Project enrollment under Horticulture.
2. Refer to schedule of events for entry times.
3. 4-H'ers are encouraged, but not required, to sign up for consultation judging on one (1) entry. All exhibits in this division must be entered at this time.
4. Exhibits shall be made from flowers grown and collected by the exhibitor rather than purchased by the exhibitor. Houseplants must be cared for by the exhibitor for a minimum of 6 months.
5. Cut flower entries should be in clear, colorless containers sized in proportion to the specimen.
6. Exhibitor limited to a total of 8 entries with no more than 2 entries per class.
7. Arrangements should not take over one square foot of table space.



8. Flower arrangements shall be made from materials and flowers grown and collected by the exhibitor. Arrangements can be made from fresh or dried flowers.
9. Exhibits will be placed in the Danish system. Just for Fun classes will not be eligible for Champion Cut Flower or Champion Flower Arrangement or Grand Champions.
10. All entries must be freestanding, easily moved, and not require any special equipment to display. Hanging entries are not accepted.

**JUNIOR DIVISION** - 7-9 years old.

**2001: Garden Flower Single Stem Annual**

**2002: Garden Flower Single Stem Perennial**

**2003: Flower Arrangement fresh flowers**

**2004: Flower Arrangement dried plant material, no fabric or plastic material**

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**JUNIOR, JUST FOR FUN** - No State Fair Classes

**2005: House Plant**

**2006: Cactus Garden**

**2007: Roses**

**2008: Sweet Potato growing in water**

**2009: Small Pleasure any miniature design measuring 5 inches or less in all directions.**

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**INTERMEDIATE and SENIOR DIVISION** - 10-18 years old.

**2010: Garden Flower Single Stem Annual**

**2011: Garden Flower Single Stem Perennial**

**2012: Flower Arrangement fresh flowers**

**2013: Flower Arrangement dried plant material, no fabric or plastic material.**

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**INTERMEDIATE and SENIOR, JUST FOR FUN** - No State Fair Classes.

**2014: House Plant**

**2015: Cactus Garden**

**2016: Roses**

**2017: Sweet Potato growing in water**

**2018: Small Pleasure -any miniature design measuring 5 inches or less in all directions**

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Ribbon Award:

Champion, Reserve Champion, Purple, Blue, Red, and White

Grand Champion, Reserve Grand Champion

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## **FOOD AND NUTRITION 4-H**

Department 210

Superintendents: *Margaret Kalb, Carol Taul, and Doni Mooberry-Slough*

In this project, you will have fun learning how to cook the basics and then advance to gourmet and international meals. Develop baking skills, learn about food preservation, explore the heritage of many foods, and understand consumer buying skills. Learn how to make healthy snacks and modify recipes to fit a healthy lifestyle.

### **Rules**

1. Read General Rules. Pre-enter by June 30.
2. Judging of all 4-H Food entries (classes 210 A 21001 to 210 D 21036) takes place at entry time. Refer to the schedule of events for entry date and times.
3. 4-H'ers are encouraged, but not required, to participate consultation judging. All place settings must be consultation judged. 4-h'ers will sign up for a consultation judging during judging on Monday of the fair.
4. The Fair officials reserve the right to hold any food preparation exhibits to be used in exhibition. Other exhibits in this division, except the food gift packages, will be priced, and sold after the judging. (See Food Sale in this division.) One piece or one part of these food exhibits will be kept for display.

5. 4-H exhibitors (individual or group) should avoid using copyrighted materials whenever possible by originating his/her own work. Copyrighted and/or trademarked materials utilized in banners, displays, demonstrations, posters or other activities for endorsement or promotion instead of educational purposes will be disqualified and will not be displayed or receive ribbons or premium.
6. A Decorated Food Item (i.e. decorated cake), a Specialty Food Product, or a Group Educational Exhibit will no longer be accepted for exhibit at the State Fair; therefore to be consistent with state fair rules, they will no longer be accepted for exhibit in the 4-H Division at the Douglas County Fair.
7. A 4-H member may exhibit: four Non-Perishable Food Products, one Food Gift Package, one Educational Exhibit, one 100% Whole Grain Non-Perishable Food Product, and one Place Setting. COPIES OF THE COMPLETE RECIPES WITH INGREDIENTS AND INSTRUCTIONS ARE REQUIRED FOR ALL NON-PERISHABLE FOOD PRODUCTS, FOOD GIFT PACKAGES, AND 100% WHOLE GRAIN NON-PERISHABLE FOOD PRODUCTS OR THE PLACING WILL BE LOWERED ONE RIBBON WHEN JUDGED. ATTACH THE RECIPE TO THE OUTSIDE OF THE WRAPPED EXHIBIT. Recipe will not be returned.
8. Ready-to-eat or bake'n-serve cakes, pies, cookies, muffins, etc. are unacceptable. Food item needs to be prepared and/or assembled by the 4-H'er. A master mix (i.e. gifts in a jar, soup mix, etc.) is not considered a nonperishable food product. They are acceptable only as part of a Food Gift Package.
9. For food safety reasons, no cream cheese fillings or frostings will be allowed.
10. Judging criteria will be based on taste (50 points), overall appearance and creativity (25 points each
11. 4-H'ers are encouraged to use whole grain flours, fruits, nuts, etc.
12. Alcohol (ex. Wine, beer, and hard liquor) is not allowed as an ingredient in food entries. Entries with alcohol in the recipe will be disqualified and not be judged.
13. Quick bread does not contain yeast.
14. All baked goods must be left whole and uncut. Small items, such as cookies and rolls, should be the same shape and from the same recipe. Exhibit 3 cookies, 3 muffins, 3 bread sticks, 1 loaf bread, etc.
15. Under baked entries will be lowered one or more ribbon placings.
16. Any baked product that can be removed from the pan should be placed on paper plates or covered cardboard cut to fit the size of the exhibit; otherwise exhibit in a disposable container. Fruit and pecan pies may be exhibited in a disposable or donated regular bakeware pie plate. Since space is limited, use small paper plates when possible. Only the exhibit is judged; the container is not judged.
17. All unfrosted cakes should be exhibited in an upright position with top crust showing when it comes out of the oven, except for those cakes made with special designs such as Bundt cakes. They should have top crust side down.
18. Attach label to bottom of plate or cardboard. Labels are available at the Douglas County Extension Office or templates are available at [http://www.kansas4-h.org/events-activities/fairs/Kansas-state-fair/docs/foods-and-nutrition/Foods\\_Label.pdf](http://www.kansas4-h.org/events-activities/fairs/Kansas-state-fair/docs/foods-and-nutrition/Foods_Label.pdf) or make you own with the following information: Class Number, Foods Product Name, 4-H member's Name, and County.
19. All exhibits must be in FOOD GRADE PLASTIC BAGS OR PLACED IN A PLASTIC DISPOSABLE CONTAINER. (Plastic containers can be purchased in the bakery department at local supermarkets.)
20. Carefully secure the entry form and recipe to the outside of the wrapped exhibit. The exhibitor is encouraged to attach a 3 x 5-inch index card with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know.
21. Champion and Reserve Champion exhibits will compete for overall Grand Champion and Reserve Grand Champion in Non-Perishable Food Products, Food Gift Packages, Educational Exhibits, 100% Whole Grain Non-Perishable Food Products, and Place Settings.
22. A 4-H member may make only one entry in a non-perishable class (includes a whole grain non-perishable food product, a food gift package, and one entry in an educational class in the Foods and Nutrition Division for the Kansas State Fair.
23. You must be 9 years old (4-H age) to exhibit at the State Fair.
24. No duplicate samples shall be taken from the same baking or batch and be shown by same and/or different people as their respective products.
25. For food safety purposes, any entries with frostings and fillings must calculate the amount of sugar in the frosting/filling recipe only. Calculation must be attached to entry, or the placing will be lowered a ribbon when judged. Frosting and fillings need to contain more than 65% sugar for safety. Examples on how to calculate this percentage are included in the publication located at:  
<https://bookstore.ksre.ksu.edu/pubs/MF3544.pdf>

### **Non-Perishable Food Product** –

any non-perishable food product may be entered. For food safety purposes, any food with custard and dairy based fillings and frostings (ex. Cream cheese) raw eggs, flavored oils, “canned” bread, or cakes in a jar, cut fresh fruit or any food requiring refrigeration (ex. Bacon) or unbaked exhibit with raw flour (ex. No bake cookies) will be disqualified and not be judged. Dried foods (i.e., apple chips, fruit leather, etc.) should be exhibited in Food Preservation. Refer to K-State Research and Extension publication, 4-H488, Judge’s Guide for Food and Nutrition Exhibits, <https://bookstore.ksre.ksu.edu/pubs/4H488>, and MF3544, Food Safety for Frostings and Fillings <https://bookstore.ksre.ksu.edu/pubs/MF3544> for information to help you make informed, safe food exhibit decisions.

**Food Gift Package** - is considered a non-perishable food product, not an educational exhibit. A food gift package must contain at least 3 different food items (prepared for human consumption), made by the 4-H'er, in a suitable container no larger than 18" x 18" x 18". Prepared food items must have recipes attached with the entry. Additional homemade food items beyond the 3 minimum or purchased items may also be included in the gift basket. On a 3" x 5" card, answer these questions: a) what the intended use is; b) what food safety precautions were taken during and after preparation. Home canned foods must follow Food Preservation rules. No alcoholic beverages will be accepted.

**Educational Exhibit** - Educational exhibits may be in the form of a poster, notebook, or display (see explanations below). No card table displays are allowed. Take care to select materials that will withstand fair conditions. Exhibitors name and county must be clearly marked on all educational exhibits. The exhibitor may attach an index card, no larger than 3 x 5 inches, with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know. NOTE: A collection of your favorite recipes in a recipe box does not constitute an educational exhibit.

**Poster** - no larger than 22 x 28 inches

**Notebook** - can be a 3-ring, spiral, folder, etc.

**Display** – Displays are not to exceed a standard commercial 3' x 4' tri-fold display board.

**100% Whole Grain Non-Perishable Food Product** – A food product must include 100% whole grains only. For example: whole wheat, oatmeal, popcorn, whole grain corn or cornmeal, whole rye, 100% whole grain cereal, etc.

**Place Setting** - a place setting for one, no larger than 4 square feet, excluding the centerpiece and menu. Include place setting and menu for a well-balanced meal or snack. Must be consultation judged. The 4-H'er will check-in during 4-H Foods check-in and sign-up for consultation judging. The 4-H'er will then set up the place setting so it is ready for consultation judging. Place setting cannot be exhibited at the State Fair.

### **Level I [7–8-year-old]**

21001: Non-perishable Food Product (limit 4)

21002: Food Gift Package (limit 1)

21003: Educational Exhibit (limit 1)

21004: 100% Whole Grain Non-perishable Food Product (limit 1)

21005: Place Settings (limit1)

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### **Level II [9–11-year-old]**

21006: Non-perishable Food Product (limit 4)

21007: Food Gift Package (limit 1)

21008: Educational Exhibit (limit 1)

21009: 100% Whole Grain Non-perishable Food Product (limit 1)

21010: Place Settings (limit 1)

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### **Level III [12–14-year-old]**

21011: Non-perishable Food Product (limit 4)

21012: Food Gift Package (limit 1)

21013: Educational Exhibit (limit 1)  
21014: 100% Whole Grain Non-perishable Food Product (limit 1)  
21015: Place Settings (Limit 1)

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**Level IV [15–18-year-old]**

21016: Non-perishable Food Product (limit 4)  
21017: Food Gift Package (limit 1)  
21018: Educational Exhibit (limit 1)  
21019: 100% Whole Grain Non-perishable Food Product (limit 1)  
21020: Place Settings (limit 1)

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**KING ARTHUR FLOUR BAKING CONTEST**

1. Entries will be accepted at the same time as other 4-H Foods Class entries.
2. Entries will be a standard size (9"x5") loaf of quick bread – any variety.
3. Entries must be removed from pan and placed on a food-safe disposable surface.
4. Exhibitor must provide a legible recipe with entry, preferably typed.
5. Exhibitor must use King Arthur Flour in their quick bread entry.
6. Exhibitor must bring the opened bag of King Arthur Flour or submit a UPC label from the flour bag when he/she submits the entry.
7. Exhibitors shall not take from the same baking or batch and be shown by same and/or different people as their respective products.

**All Age Levels**

21021: King Arthur Flour Quick Bread Contest (limit 1)

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Ribbon Awards:

Champion, Reserve Champion, Purple, Blue, Red, and White  
Grand Champion, Reserve Grand Champion

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## FOOD PRESERVATION 4-H

Department 220

Superintendents: *Margaret Kalb, Carol Taul, and Doni Mooberry-Slough*

In this project, you will have fun learning how to cook the basics and then advance to gourmet and international meals. Develop baking skills, learn about food preservation, explore the heritage of many foods, and understand consumer buying skills. Learn how to make healthy snacks and modify recipes to fit a healthy lifestyle.

**Rules**

1. Read General Rules. Pre-enter by June 30.
2. 4-H'ers are encouraged, but not required, to participate consultation judging. 4-h'ers will sign up for a consultation judging during judging on Monday of the fair.
3. No frozen food may be exhibited.
4. Alcohol is not allowed as an ingredient in food preservation entries. Entries with alcohol in the recipe will be disqualified and not be judged.
5. Exhibits must have been preserved since the previous year's county fair and not been exhibited at the previous State Fair.
6. A 4-H member may exhibit up to two entries per numbered class. (The two entries must be different.) The first six numbered classes require one jar for each class. Dried Foods - one kind of dried food product exhibited in a small canning jar. Suggested amount: 1/3-1/2 cup, or three or four pieces per exhibit. If dried food product is not in a canning jar, it will be lowered one ribbon rating.

7. EACH EXHIBIT MUST HAVE THE COMPLETE RECIPE AND INSTRUCTIONS ATTACHED, OR IT WILL BE LOWERED ONE RIBBON PLACING. Recipe must include exhibitor name, recipe source, date of publication, and altitude of residence.
8. Recipes and processing methods from the sources below are recommended. Recipes must be from current, tested resources listed below AND MUST BE ADJUSTED FOR ALTITUDE based on your processing location, or it will be disqualified. Processing methods that will be disqualified include open kettle-canning, oven canning, and sun canning and using electric multi-cookers. For more information on electric multi-cookers, see [http://nchfp.uga.edu/publications/nchfp/factsheets/electric\\_cookers.html](http://nchfp.uga.edu/publications/nchfp/factsheets/electric_cookers.html). Homemade recipes or other untested recipes will be disqualified for safety reasons. Tested recipe resources include:
  - K-State Research and Extension Food Preservation publications
  - Other University Extension Food Preservation publications
  - USDA Complete Guide to Home Canning, @2015
  - So Easy to Preserve, 6<sup>th</sup> Edition, The University of Georgia Cooperative Extension Service
  - Ball® Blue Book Guide to Preserving, Edition 37
  - Ball® Complete Book of Home Preserving, @2015 and @2020
  - Canning mixes (i.e., Mrs. Wages, Ball®)
  - Pectin manufactures (i.e., Sure-Jell, Ball®)
  - [KSRE Rapid Response Center Preservation Recipes](#)
  - [National Center for Home Food Preservation](#)
  - [Ball® and Kerr](#)

Refer to following K-state Research and extension publications for more information:

- [Food Safety Recommendations for Food Preservation Exhibits](#)
  - [10 Tips for Safe Home-Canned Food](#)
  - [Sassy Safe Salsa at Home](#)
  - [What's Your Elevation?](#)
  - [How to Guide to Water Bath Canning and Steam Canning](#)
  - [How to Guide to Pressure Canning](#)
10. All dried products must include the recipe and preparation steps. If dried food product is not in a canning jar, it will be lowered one ribbon rating. Suggested amount: 1/3 – ½ cup, or three or four pieces per exhibit. All meat jerky must be heated to an internal temperature of 160 degrees F before or after drying. This is not the drying temperature! Dried products must include the recipe, preparation steps and heating instructions. Jerky not heated to 160 degrees F will be disqualified and not be judged. Heating information can be found in “Dry Meat Safely at Home” [JERKY INFO](#)
  11. Exhibits must be processed in clean, clear standard canning jars, with matching brand (use Ball® lids on Ball® jars, or Kerr® lids on Kerr® jars, etc.) two-piece lids. Do not use colored jars, fancy padded lids, fabric over wraps or cozies as they interfere with the judging process. No fancy packs unless recipe states to do so (ex: Pickled asparagus). Jars must be sealed when entered. For food safety reasons, the size of jars used must not be larger than the jar size stated in the recipe (ex. Salsa is canned in pint jars only, no quarts). Note: There are 12-ounce, 24-ounce, and 28-ounce canning jars available and may be used. Use pint jar process recommendations for 12-ounce jars. Use quart jar process recommendations for 24-ounce jars and 28-ounce jars.
  12. Each exhibit must have the complete recipe and instructions attached with the entry card, or it will be disqualified. Recipe must include exhibitor name, recipe source, date of publication and altitude of where food was processed. If using Mrs. Wages® or Ball® mixes, indicate the date mix was purchased. Through the hole punch in the entry card, use a rubber band to attach the entry card and recipe around the top of the jar.
  13. Each jar exhibited must be labeled with a uniform label available from the Douglas County Extension Center. Place the label one inch from the base of jar. Label must not cover brand name of jar. The label must give: Class Number, Product, Altitude where processed, Canning Method (water bath, weighted gauge or dial gauge pressure method), Process Time, Pressure (psi), Date processed including month and year, Name and County. Templates to make labels can be found here: [LABEL TEMPLATES](#)

14. Champion and Reserve Champion exhibits will compete for Grand Champion and Reserve Grand Champion.
15. A 4-H member may enter up to two exhibits, but may make only one entry per class, in the Food Preservation Division for the Kansas State Fair.

- 221: Sweet Spreads (Fruits and/or Vegetables), Syrups, one jar**  
**222: Fruits, Juices, Fruit Mixtures (Salsa, Pie Filling, etc.) one jar**  
**223: Tomato-Tomato Products Juice and Salsas (Salsa in pints only, no quarts), one jar**  
**224: Low Acid Vegetables (green beans, corn, etc., or vegetables mixtures), one jar**  
**225: Pickles (Fruit or Vegetables) Fermented Foods and Relishes or Chutney, one jar**  
**226: Canned Meats, one jar**  
**227: Dried Foods, one small jar (excluding Dried Meats)**
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Ribbon Awards:

Champion, Reserve Champion, Purple, Blue, Red, and White  
Grand Champion, Reserve Grand Champion

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## FOOD SALE 4-H/Open

Superintendent: *Barbara Mullen*

1. The food sale will be held on Tuesday from 3:00 p.m. to 6:00 p.m. in Building 21.
  2. No canned goods, Food Gift Packages, or Dried Foods will be sold.
  3. Entries cannot be reserved for any specific buyer.
  4. Prices will be posted.
  5. All proceeds will go to benefit the Douglas County 4-H program.
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## FORESTRY 4-H/FFA

Department 230

Superintendent: *Alicia Thomas*

Learn to identify trees, determine differences between trees and shrubs, learn about different trees and tree parts, graft a bud to a living tree, discover health benefits of trees, investigate forest changes and learn about forest health and learn forest conservation techniques.

### Rules

1. Read General Rules. Pre-enter by June 30.
2. Refer to schedule of events for entry times. Consultation judging offered at entry time.
3. All exhibits must be mounted on 8 1/2" x 11" heavy stock paper and placed in loose leaf binders. (Magnetic or adhesive filler sheets for photographic prints or sheet protectors are recommended.) Twigs and fruit collections may be exhibited in whatever manner you choose. Maximum tri fold size is 3' x 4'. Resources for exhibiting are located on the Kansas 4-H forestry project page: [KANSAS FORESTRY](#)
4. Name, club, age, and year in project should be on front cover or in a prominent location.
5. Leaves should be identified with an appropriate label located near the leaf on the same page. These labels should include (1) the proper common name as listed in the publication 4-H334. "List of Native Kansas Forest Trees" (<https://www.bookstore.ksre.ksu.edu/pubs/4H334.pdf>) (2) location (city and/or county) where collected; and (3) date (day, month, year) or (month, day, year) collected. Be consistent with the location of the labels in your notebook (consider the lower right-hand corner).
6. Divide specimens into the following two sections: Native Kansas Trees and Non-Native Trees
7. For ideas on mounting, see the Forestry Project booklet (4-H 279).
8. Junior Forester - exhibit only in phases(s) enrolled.
9. Senior Forester enrolled in Self-Determined can enroll in Senior Forester Division at the State Fair.
10. New specimens are those specimens collected during the current 4-H year.
11. Group specimens according to the years collected (such as "old-previous years" and "new").
12. Variations of varieties do not count as different species or specimens.

## **JUNIOR 4-H FORESTER**

**231 Beginning** - (Choose either A or B), 1<sup>st</sup> & 2<sup>nd</sup> year in the project.

A. Exhibit a minimum of 10 different leaves from native Kansas Trees collected within the year. The exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.

B. Exhibit a minimum of 5 native Kansas trees showing leaf, twig and fruit from each species collected.

**232 Intermediate** - (Choose either A or B), 3<sup>rd</sup> & 4<sup>th</sup> year in the project.

Exhibit a minimum of 20 different leaves (including 10 new specimens) from native Kansas trees. The exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.

B. Exhibit a minimum of 10 native Kansas trees showing leaf, twig and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.

**233 Senior** - (Choose either A or B), 5<sup>th</sup> & 6<sup>th</sup> year in the project.

A. Exhibit a minimum of 30 different leaves (including 10 new specimens) from native Kansas trees. The exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.

B. Exhibit a minimum of 15 native Kansas trees showing leaf, twig, and fruit from each species collected. This exhibit must include 5 new leaf, twig, and fruit specimens.

**234 Advanced** - (Choose either A or B), over 6 years in the project.

A. Exhibit a minimum of 40 different leaves (including 20 new specimens) from native Kansas trees. The exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.

B. Exhibit a minimum of 20 native Kansas trees showing leaf, twig and fruit from each species collected. The exhibit must include 10 new leaf, twig, and fruit specimens.

## **Anyone Enrolled in Forestry:**

### **235 How A Tree Grows**

Display - Entry may include project notebook with 10 or more seeds collected with pictures showing germination study or a mounting of a thin section of wood cut from the end of a log or top of stump labeled with information such as kind of wood and age of tree when cut or exhibit an illustration of a how a tree grows.

### **236 Tree Appreciation**

Display - Entry may include research or reporting notebook with no more than 10 pages based on the exhibitor's selected tree. This notebook may include sketches, drawings, pictures, a story, or any other things which will help tell about the tree you have selected. Junior Forestry Record (P-1089) is the reference manual for this project.

### **237 Educational/Creative Exhibit**

Exhibits must be directly related to tree identification or Forestry. The type of exhibit is open (notebook, poster, collection box, etc.) given a maximum size of tri-fold is 3' x 4'. This is a good class to exhibit an unusual collection. Not a State Fair Class

## **SENIOR 4-H FORESTER**

### **238 Growing and Protecting Trees**

Display requires a project notebook talking about project and pictures before, during, and after planting seedlings. Maximum tri-fold size is 3' x 4'.

### **239 Tree Culture**

Display requires a project notebook showing your project work and includes pictures before, during and after wood lot improvement. Maximum tri-fold size is 3' x 4'.

### **240 How Forests Serve Us**

Display collected wood samples (all or partial) and 500-word essay. Wood sample display to be mounted on poster board or any stiff material no larger than 3' wide x 4' high. Essay should be displayed in a covered binder.

### **241 Educational/Creative Exhibit**



Exhibits must be directly related to tree identification or Forestry. The type of exhibit is open (notebook, poster, collection box, etc.) given a maximum size of trifold 3' x 4'. This is a good class to exhibit an unusual collection.

Ribbon Award:

Champion, Reserve Champion, Purple, Blue, Red, and White

Grand Champion, Reserve Grand Champion

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## GEOLOGY 4-H

Department 240

Superintendent: *Alicia Thomas*

In this project, you will learn the difference between rocks and minerals, learn how to identify fossils, describe, and identify rocks, understand stages of the rock cycle, and use the scientific method to solve problems.

### Rules

1. Read General Rules. Pre-enter by June 30.
2. Consultation Judging offered during entry time. Refer to main schedule for times.
3. Exhibit box should be 18 x 24 x 3 1/2 inches. Plexiglas covers are required at State Fair. IF A BOX HAS A SLIDING Plexiglas cover, IT MUST be removable from the top. Screws, locks, or other devices that would prevent judges from removing glass covers should not be used. Each exhibitor is required to identify each display box by placing an identification label bearing name, county, and number of specimens in the upper left-hand corner of the Plexiglas (inside) and attaching a label with the same information to the back of the box (outside). The inside label is to also indicate the class number.
4. Exhibitor may enter in both geology and lapidary classes. Exhibitors may show in only one of the first four geology classes 2401, 2402, 2403, 2404. Exhibitors may also show one exhibit in geology class 2405 or 24006 special exhibit and one exhibit in lapidary.
5. Geology specimens should be labeled with the number of specimens, date collected, specimen name or description, and locality (county only) where collected.
6. For the geology classes 2401, 2402, 2403, and 2404 specimens should be mounted in the box by proper groups: rocks, minerals, fossils. Fossils must be identified to the Phylum, Class, and Genus level. Genus name is to begin with a capital letter. Species name is all lower case. Genus and species name must either be italicized or underlined, not both. The words "phylum, class genus" on labels are to fully be spelled out, not abbreviated. More than one specimen of the same kind of rock or mineral or species of fossil may be exhibited if this duplication represents different geological formations. Specimen label must show this distinction (Fort Hayes limestone, not just limestone; calcite from the Greenhorn Formation, not just calcite; Phylum; Brachiopoda Class; Araticuata Genus: Composita from the Morrill Limestone Member, not just Phylum: Brachiopoda Class: Aarticulata Genus: Composita).
7. For geology classes 2401, 2402, 2403, 2404, all specimens must be collected from locations in Kansas, except for Tri-State Mining Area specimens collected from these three adjacent counties: Ottawa County, OK; Newton and Jasper Counties, Mo. Out-of-State specimens will not count in the minimum number for the class, nor will they be considered in the judging.
8. 4-H members enrolled in Geology project 462 Intermediate phase are encouraged to exhibit in class 24009 Special Exhibit as well as class 24007 or 24008 to fulfill project completion requirements.

### Beginning Geology

**2401 Geology** - Display at least 5 rocks, 5 minerals, and 5 fossils collected during the current 4-H year. Limited to one exhibit box 18 x 24 x 3 1/2 inches with Plexiglas cover. Only those exhibiting at the Douglas County Fair in Beginning Geology for the first time may enter this class. Fossils must be identified to the Phylum level.

**2402 Geology** - Display at least 30 rocks, minerals, and fossils, at least 5 of each. Fifteen must be collected during the current 4-H year. Limited to one exhibit box 18 x 24 x 3 1/2 inches with Plexiglas cover. This class is open to those exhibiting either first or second time at the Douglas County Fair. Fossils must be identified to the Phylum level.

### Intermediate Geology



**2403 Geology** - Display at least 45 rocks, minerals, or fossils, at least 5 of each. More than one specimen of the same kind of rock or mineral or species of fossil may be exhibited if this duplication represents different geological formations. Specimen label must show this distinction. (Fort Hays member limestone not just limestone; exact species must have different formation names listed on the I.D. card; Composita Brachiopod from Morrill Limestone member not just Brachiopod or Composita Brachiopod). Exhibit limited to two boxes 18 x 24 x 3 1/2 inches with Plexiglas cover. The exhibit must include approximately 15 specimens of the current year's work. Rocks must be identified by their proper name and type. Fossils must be identified to the Phylum level. These rock types must be spelled out on labels or have a legible key. This class is open to those exhibiting either the third or fourth time at the Douglas County Fair.

**2404 Geology** - Display at least 60 rocks, minerals, or fossils, at least 5 of each. More than one specimen of the same kind of rock or mineral or species of fossil may be exhibited if this duplication represents different geological formations. Specimen label must show this distinction (Fort Hays member limestone not just limestone; exact species must have different formation names listed on the I.D. card; Composita Brachiopod from Morrill Limestone member not just Brachiopod or Composita Brachiopod). Exhibit limited to two boxes 18 x 24 x 3 1/2 inches with Plexiglas cover. The exhibit must include approximately 15 specimens of the current year's work. Rocks must be identified by their proper name and type. Fossils must be identified to the Phylum, Class, and Genus levels if possible. These rock types must be spelled out on labels or have a legible key. This class is open to those exhibiting the fifth time or more at the Douglas County Fair.

### **Educational or Special Exhibit**

**2405** Special exhibit relating to everyday living; or to a mineral test, a rock formation, geological history, species of a fossil, forms of one mineral, a variation of one kind of rock, archaeological artifacts, or Native American artifacts. Digital formats are accepted. Exhibit limited to 4 feet of table space. Notebooks should be included.

**2406** Mineralogy. Display a minimum of 15 mineral specimens collected in Kansas, at least 5 of which have been collected during the current 4-H year. The minerals are to be grouped by mineral class (i.e.: Carbonates, Oxides, Silicates) and at least 3 classes must be represented. Members must use one standard display box. The specimens must be labeled with the number of the specimen, date collected, name of specimen, county where collected and chemical composition (i.e., CaCO<sub>3</sub> for calcite) if known.

**Lapidary** - Lapidary will be judged on the following criteria: Workmanship and Content -60 points; Presentation and Showmanship - 30 points and Accuracy of Information - 10 points. The dimensions of the display box should be appropriate for display but should not exceed 18" x 24" x 3 1/2". Specimens should be arranged across the 18-inch dimension of the exhibit box, making the exhibit 18 inches across the top and 12 inches deep.

**2407** Lapidary. Display at least 5 varieties of polished (tumbled) specimens and 5 varieties of unpolished specimens that have not yet received lapidary treatment. These do not have to be an example of "before and after", nor do they have to be self-collected. Locales must be identified. Only those exhibiting lapidary at the State Fair for the first time may exhibit in this class.

**2408** Lapidary. Display before-and-after examples of at least 3 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. There is no requirement that the 4-H'er collect any of these. Locales must be identified. Lapidary work should be done during the current 4-H year.

**2409** Lapidary Display before-and-after examples of at least 6 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least two varieties should be collected from the native site by the 4-H'er, at least one of which comes from Kansas. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

**2410** Lapidary. Display before-and-after examples of at least 9 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least three varieties should be collected from the native site by the 4-H'er, at least two of which come from Kansas. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

**2411** Lapidary. Exhibit at least 6 specimens that have not previously been exhibited, which have received lapidary treatment. Lapidary treatment may consist of polishing, and end, face, or flat lapping. Specimens must represent at least 3 different varieties and include at least three cabochons of any size or shape, only one of which may be free formed. A cabochon is a style of cutting in which the top of the stone forms a domed or curved convex surface. Three of the specimens must be mounted into jewelry findings.

Ribbon Award:

## HORSE/MULE 4-H/FFA

Department 60  
Superintendents: *Bobbie Hinds*

### Rules

1. Read General Rules.
2. Parking area for trailers will be north of community building in the grass area and not along the road. No horse exhibits allowed on the grounds before 6 a.m. on show day. Check-in time for the show will be held from 8:00 a.m. to 8:45 a.m. Exercising may be performed in the grassy area north of the community building. Horses under no circumstance are allowed to be tied to the arena fencing.
3. All class entries must be made by June 30. Exhibitors may drop classes the day of the show by alerting show officials at check in, or with show personnel during the show.
4. Walk-trot classes are intended for novice riders who are not comfortable loping their horses in a show setting. Exhibitors may not cross-enter loping and walk-trot classes. Exhibitors in the Walk-trot Barrel Racing, Pole Bending and Flag Race will receive a white ribbon if, by judge's decision, they lope for more than two strides once they cross the timeline to begin their class. The Pleasure Pairs class will be judged as a walk-trot class and will not affect exhibitors entering loping classes.
5. All equine must have a 4-H Horse ID form and pictures submitted to the Extension Office by the official deadline set by the Extension Office, May 1. Brothers and/or sisters may show the same horse/pony/mule provided they are not in the same class, and they are both listed on the horse I.D. See the Kansas 4-H Horse Show Rule Book for more information regarding leases, etc. Exhibitors must show their 4-H Horse ID form copy to the Superintendent during check in the day of show. If the horse is registered with the American Quarter Horse Association and is entered in the Registered Quarter Horse halter class official AQHA registration papers must be shown at check in. To be eligible for Horseless Horse classes 60 A 6005 and 60 A 6006, 4-H'ers must meet the following criteria: (1) Enrolled in Horse or Horseless Horse project; (2) Do not own or lease a horse; (3) Horse shown must have a 4-H Identification Paper on file by June 1. **All members exhibiting must complete the Kansas 4-H Equine Webinar Safety Episode, with a quiz annually before completing. Must be completed by June 15 Exhibitors can contact the Extension Office for details on how to watch and complete the test.**
6. **Health Requirements-** Horses, ponies and mules should be free of infections and contagious disease. The horse show committee reserves the right to turn a horse away if they feel the animal is not healthy.
7. The Fair Board and horse show committee reserve the right to cancel or postpone any or all classes due to inclement weather, the right to combine classes based on pre-entries, the right to modify the dress code due to weather conditions and to excuse unruly animals from any class.
8. All 4-H contestants will adhere to the current Kansas 4-H Horse Show Rule Book of regulations of general show rules, English class rules and Western class rules unless otherwise specified within these rules (found online at [KANSAS HORSE PROJECT](#)).
9. All contestants, family members and spectators, are expected to always display proper conduct and courtesy. Unsportsmanlike conduct by the 4-H'er or those people accompanying the 4-H'er will not be tolerated. Such actions will result in forfeiture of all placings and qualifications earned during the show and those involved may be excused from the grounds at the discretion of show management. Grievances must be made in writing and submitted to the Rules committee within two (2) hours after the incident. **JUDGE'S DECISION IS FINAL. Separate judges will judge 4-H Show and Open Show.**
10. Only current 4-H members are allowed to ride 4-H horses/ponies/mules on the grounds of a 4-H show. Parents, legal guardian, grandparents, siblings and/or a fellow 4-H member are allowed to assist the 4-H'er with their horse. Adults other than show officials are barred from the show ring while the 4-H horses are being judged.
11. Each exhibitor will be issued two contestant identification numbers. During halter classes the number will be secured to the exhibitor's back, during riding classes a number will be secured on each side of the saddle on the saddle pad.

12. Maximum time for tack change - 5 minutes. Please keep the ring steward or gate help informed of tack changes.
13. Any horse 56 inches and under (without shoes) is considered a pony. Ponies may be measured at check-in if height is in question. An exhibitor may enter both the pony and western pleasure, but they may NOT enter the same animal in more than one pleasure class.
14. Ranch Riding will be a pattern only class, rail work will not be performed.
15. In all trail classes 4-H members are allowed 60 seconds to maneuver the gate and 30 seconds to maneuver other obstacles. Exhibitors must maneuver the gate unassisted. The judge has the right to motion an exhibitor onto the next obstacle if not begun in 30 seconds and the exhibitor will be penalized accordingly.
16. Time and safety should be considered when entering the arena for timed events. Dismissal from the class due to safety concerns or excessive time entering is at the discretion of the judge. The horse must enter the arena and hesitate before starting to run. The gate must be closed and be kept closed until the runner stops. For safety reasons, horses must enter under the control of the rider. The horse cannot be led into the arena by an unmounted or mounted person. The rider must also have the horse under control before exiting the arena.
17. For English classes, exhibitors may ride Hunter or Saddle Seat style.
18. Exhibitor levels and ages are: Level III age 15-18; Level II age 11-14; Level I age 7-10.
19. An exhibitor may enter up to two equines in a halter class; the second equine must be shown by another exhibitor entered in the show. Equine may be shown in only one halter class. This excludes showmanship.
20. The first and second place exhibitors in each halter class will be called back for judging of the overall grand champion and reserve grand champion halter horse.

#### **Halter Classes:**

**Stock Type:** For horses with the appearance of a stock horse such as American Quarter Horses, Appaloosas, Paint Horses, etc.

**Non-Stock Type:** For horses with a lighter body build including but not limited to Arabian, Thoroughbred, Morgan, Saddlebred, etc.

Grade or registered horses of mixed breeds should be classified by visible breed characteristics and predominant breed genetics.

#### **Special Class Descriptions:**

**Egg & Spoon** – Riders will carry an egg on a spoon at various gaits. Riders will enter the arena and space themselves on the rail, once all riders are on the rail and have been given an egg and spoon the class will begin. Once the class begins riders may not place any fingers on the egg to stabilize it. Riders will go to the center of the arena as their eggs fall. The last rider with an egg is declared the winner. The class will be a walk-trot class and will not affect exhibitors entering loping classes.

**Follow Me** – Exhibitors will encourage their horse/pony/mule to follow them to a set location within the arena and back across the start/finish line without the aid of a lead rope, rein, etc. Exhibitors may not touch their animal once they have crossed the start/finish line. Aids such as a feed bucket, treats, etc. may be used.

#### **Dress Code**

Exhibitors will adhere to the dress code as outlined in the Kansas 4-H Horse Show Rule Book (found online at [KANSAS HORSE PROJECT DRESS CODE](#)) during all classes while keeping in mind the Douglas County Fair 4-H Horse Show is a casual show with a learning environment. Exhibitors in timed events are permitted to wear the Official Douglas County Fair 4-H T-Shirt which may be purchased when entering the fair.

The Douglas County 4-H Horse program supports the use of ASTM certified/SEI approved safety helmets in all equine events. Bicycle helmets or any other style of helmet are not allowed.

#### **Showmanship at Halter**

**601: Level III 15-18 yrs. old**

**602: Level II 11-14 yrs. old**

**603: Level I 7-10 yrs. old**

**604: Horseless Horse All Levels**

Ribbon Awards:

Champion, Reserve Champion, Purple, Blue, Red, and White

## **Halter – Conformation Equine Ages Two [2] and Older**

**605: Stock Type-Mare**

**606: Stock Type-Gelding**

**607: Non-Stock Type-Mare**

**608: Non-Stock Type-Gelding**

**609: Pony – Mares & Gelding**

**610: Mules & Donkeys – Mares & Gelding**

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Ribbon Awards:

Champion, Reserve Champion, Purple, Blue, Red, and White

Overall Grand Champion, Overall Reserve Grand Champion

## **Performance Classes**

**611: English Pleasure Level III**

**612: English Pleasure Level II**

**613: English Pleasure Level I**

**614: English Equitation Level III**

**615: English Equitation Level II**

**616: English Equitation Level I**

**617: Pleasure Pairs All Levels**

**618: Western Horsemanship/English Equitation Walk Trot – All Levels**

**619: Horsemanship Level III**

**620: Horsemanship Level II**

**621: Horsemanship Level I**

**622: Western Pleasure Pony Breeds All Levels**

**623: Western Pleasure/English Pleasure Walk-Trot All Levels**

**624: Western Pleasure Level III**

**625: Western Pleasure Level II**

**626: Western Pleasure Level I**

**627: Ranch Riding Level III**

**628: Ranch Riding Level II**

**629: Ranch Riding Level I**

**630: Reining All Levels**

**631: Trail Walk-Trot All Levels**

**632: Trail Level III**

**633: Trail Level II**

**634: Trail Level I**

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## **Timed Events**

**635: Egg & Spoon All Levels**

**636: Follow Me All Levels**

**637: Pole Bending Walk-Trot All Levels**

**638: Pole Bending Level III**

**639: Pole Bending Level II**

**640: Pole Bending Level I**

**641: Barrel Racing Walk-Trot All Levels**

**642: Barrel Racing Level III**

**643: Barrel Racing Level II**

**644: Barrel Racing Level I**

**645: Flag Racing Walk-Trot All Levels**

**646: Flag Racing Level III**

**647: Flag Racing Level II**

**648: Flag Racing Level I**

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Ribbon Awards:

Purple, Blue, Red, and White

**The Champion at Saddle and Reserve Champion at Saddle** will be awarded in each age division with 5 points for a Top Purple, 4 points for a Purple, 3 points for a Top Blue, 2 points for a blue, and 1 point for a red. Ties will be decided by a coin toss. Champion at Saddle is based on Performance and Timed events only, Halter and Showmanship placings are not included in Champion at Saddle. An awards ceremony will occur immediately following the last class.

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## HORTICULTURE & LANDSCAPE DESIGN 4-H/FFA

Department 260

Superintendents: *Jimmie Taul and Jamie Knabe*

Learn when, where and what to plant; learn the difference between cool and warm season vegetables; learn plant parts and how they are used; learn how to use basic garden tools; study seed varieties and starting seeds indoors; study preventative pest controls; learn about specialty harvests and selling your produce; study plant pollinations; study food industry careers; and learn about biotechnology.

### Rules

1. Read General Rules. Pre-enter by June 30.
2. The following classes will be entered in Building 21. At check-in, 4-H'ers are encouraged, but not required, to sign up for consultation judging of one horticulture entry. Consultation judging will take place during the entry time. Refer to main schedule for times.
3. A 4-H member may enter each class. The number of items for exhibit for any of the below classes is listed with the class. For further information, consult Exhibiting Fruits and Vegetables, KSU Extension Publication C 405.
4. All varieties should be named on entry. Vegetables and fruits should be displayed on plain white paper plates. Exhibitors are expected to provide their plates for display.
5. The number of vegetables to be exhibited is as follows:
  - Large Vegetables (One each):** watermelon, squash, large pumpkin, kohlrabi, gourds, eggplant, cabbage, cantaloupe, and other large vegetables.
  - Medium Vegetables (Five each):** cucumbers, tomatoes, beets, white onions, yellow onions, red onions, bell peppers, other peppers, okra, parsnips, radishes, turnips, sweet potatoes, red potatoes, white or Russet potatoes, carrots, miniature pumpkin, decorative gourds, or other medium vegetables.
  - Small Vegetables (Twelve Each):** Green snap beans, cherry tomatoes, yellow wax beans, and other small vegetables.
  - Other Vegetables** limit of 2 entries per exhibitor.
  - Small Fruits (One half pint box):** Strawberries, blackberries, raspberries, or other similar sized fruits
  - Tree fruits (5 each):** Apples, pears, peaches, or similar sized fruits.
  - Grapes (2 bunches)**
6. Garden Display – Garden Display: Each exhibitor in this class will be limited to four square feet of space. The Garden Display must be exhibited in a tray, basket or container that can be easily moved by the fair staff. The exhibit consists of five different types of fresh vegetables or fruits. Canned products and shelled vegetables are not acceptable. Only one variety of each type of vegetable or fruit may be exhibited. The numbers of the five types of vegetables or fruits to be exhibited are as follows:
  - **Large Vegetables (One Each):** Cabbage, Cantaloupe, Eggplant, Large Pumpkin, Squash, Watermelon
  - **Medium Vegetables (Five Each):** Beets, Carrots, Cucumbers, Decorative Gourds, Potatoes, Miniature Pumpkins, Okra, Onions, Peppers, Radishes, Sweet Potatoes, Tomatoes, or other similar sized vegetable
  - **Small Vegetables (Twelve Each):** Green snap beans, wax beans, English peas, cherry tomatoes, or other similar sized vegetables
  - **Small fruits (One half pint box):** Strawberries, blackberries, raspberries, or other similar sized fruits.
  - **Tree fruits (5 each):** Apples, pears, peaches, or similar sized fruits. • **Grapes (2 bunches)**Quality and condition of exhibit will be considered. Choose vegetables for exhibit that will hold up well during the Fair. Avoid over-ripe or over-mature specimens. Those that are slightly under-ripe or slightly immature when picked may last longer.

7. Educational Exhibit (can include notebook, poster, display, or other type of exhibit designed to inform viewer about horticulture project). The display will be limited to a maximum space of 2' x 2' x 3'. Maximum size will be strictly enforced. Poster size limited to 14" x 22". Basis of awards - Educational 40, interest and originality 20, appearance 20, and quality of display material 20.
8. 4-H'ers are encouraged, but not required, to sign up for consultation judging on one (1) entry.
9. How to display: <https://bookstore.ksre.ksu.edu/pubs/c405.pdf>

#### **261 Garden Display**

#### **262 Small Vegetable Specimen Plate (12)**

#### **263 Medium Vegetable Specimen Plate (5)**

#### **264 Large Vegetable Specimen Plate (1)**

**265 Fresh Culinary Herbs (6)** Ex: parsley, basil, dill, etc. Six stems (or a comparable quantity) of one variety of fresh herbs must be exhibited in a disposable container of water. Dried herbs are not accepted.

#### **266 Small Fruits (one half pint box)**

#### **267 Tree Fruits Plate (5)**

#### **268 Grapes** (plate of 2 bunches)

**269 Educational Exhibit** – Entry can be a notebook, poster, display, or other type of exhibit designed to inform viewer about horticulture project. The notebook should include a written narrative describing a horticulture project such as a landscape design, landscape installation, lawn renovation, water garden, flower garden, vegetable garden, lawn mowing service, landscape maintenance business, farmer's market business, or other horticultural project. 4-Hers are encouraged to include photographs, illustrations and/or landscape drawings that help explain work done by the member. Photos taken from the same location before, during and after the completion of the project are particularly helpful. The display will be limited to a maximum space of 2' x 2' x 3'. Maximum size will be strictly enforced. Poster size limited to 14" x 22".

#### Ribbon Awards:

Champion, Reserve Champion, Purple, Blue, Red, and White

Grand Champion, Reserve Grand Champion

## **INTERIOR DESIGN & ARCHITECTURE 4-H**

Department 250

Superintendent: *Tara Pearson*

This project gives you the opportunity to examine your environment, both inside and outside of the home. Decorating a room, refreshing your porch, landscaping an area of your yard, refurbishing a family heirloom, or even creating something brand new are all examples of ways to incorporate the design process in your living environment. Learning and experimenting with the elements of design (color, line, value, space, shape, form, and texture) in all areas of a room or space or furniture piece are all part of this project. Being a designer (architect, furniture, landscape, or interior designer, etc.) is not only about how a space looks but also how it feels. The end goal is to create a space that feels inclusive, functional, and inviting to all. The home environment project will give you the opportunity to design, create and implement what you've learned by creating a notebook, project board or item.

#### **Rules**

1. Read General Rules. Pre-enter by June 30.
2. Consultation judging is offered at entry time. Refer to the schedule of events for date and time for entries.
3. A person may enter any number of the classes below but each item may be entered in only one class.
4. A summary including plans, explanation of how the items were made or refinished, and how it fits into the color and design of the room. Summary could also include project inspiration, challenges, who helped you, and any other information that could be helpful to the judge. Summary should be in a plastic protective sleeve and attached to exhibit.
5. Projects with missing or insufficient summary will be lowered one ribbon placing (i.e., a blue-ribbon exhibit will receive a red ribbon).

- Exhibits should be of high quality (as compared to quick, simple crafts), suitable for use in the home several months throughout the year. Holiday-specific items are discouraged.

### **251 Single Exhibit**

An article (furniture, fixtures, interior or exterior, etc.) made or refinished by the 4-H'er for the home. Must include attached summary.

### **252 Design Board**

Boards must be on foam core or a standard tri-fold display. Include: color scheme, wall treatment, floor treatment, samples, etc. and/or floor plan for a room. Must include attached summary.

### **253 Notebook**

Notebooks may include floor plans, paint/fabric swatches, colors, stories, photographs, and project records which detail what was accomplished this year with a given indication of long-term plans. Notebooks should also include project inspiration, challenges, who helped you, and any other information that could be helpful to the judge. Additional summary is not required for Notebook exhibits.

Ribbon Awards:

Champion, Reserve Champion, Purple, Blue, Red, and White

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## **LLAMA AND ALPACA 4-H/FFA**

Department 115

Superintendents: *Mike, Robyn, and Matthew Kelso*

### **Rules**

- Exhibitor must be enrolled in the Self-Determined project to exhibit Llamas and/or Alpaca.
- Exhibitor must own and manage llamas for at least 90 days prior to the fair, or lease the llama/alpaca, with the Leasing A Llama/Alpaca ID form on file at the Extension office by June 15.
- Pre-enter Llama/Alpaca entries by June 30.
- Exhibitors may exhibit only one animal in each class.
- Per ALSA guidelines, the Public Relations will include, at a minimum, stairs, or ramp, petting by strangers, loading in a vehicle or trailer, backing, and picking up a foot or showing teeth.
- Per ALSA guidelines, the Obstacle Course will include, at a minimum, a bridge or ramp, jump, flexibility, and maneuvering, change of pace, and backing.
- Showmanship is based on the exhibitor's basic skill in fitting, grooming, following directions, and style in presenting the animal to the judge.
- Costume will judge on (a) difficulty in training animal to accept and exhibit costume, (b) time and energy involved, and (c) originality.
- At time of pre-entry, all exhibitors will pay a \$1 per animal non-refundable fee for a veterinary visual inspection. Inspection will take place after the animal(s) have been unloaded at the fairgrounds. Animals determined by exhibition staff to have lesions of ringworm, warts, or infested with mange will not be permitted to show.
- Classes may be split between Llama and Alpaca depending on enrollment numbers.

### **1151: Showmanship**

### **1152: Public Relations**

### **1153: Obstacle**

### **1154: Costume**

### **1155: Pack**

Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White

# MEAT GOAT 4-H/FFA

Department 42

Superintendents: *Richard & Kelly Williams and William Vesecky*

## Rules

1. Read General Rules.
2. Pre-enter Meat Goats by June 30.
3. All youth participating in the livestock areas of Bucket Calf, Beef, Dairy, Dairy Goats, Poultry, Rabbits, Sheep, and Swine must be certified by Youth for Quality Care of Animals (YQCA) by June 15th of the current year to show.
4. Exhibitors may enter no more than three (3) goats per class.
5. In all classes an exhibitor is the owner of the animal. Leased breeding animals must have a lease ID form signed and on file in the Extension Office by June 15.
6. Market goats must be less than one (1) year of age as of August 1 of the current year. Wethers or does may be shown as market goats. Does cannot be shown as breeding if they are entered in market classes and vice versa. Wether market goats must be physical castrates.
7. Market goats must be weighed and identified to a 4-H'er enrolled in Goats in the spring at a date designated by the Extension Office.
8. Market goats will be shown by weights. Meat goats must weigh a minimum of 50 pounds (to be considered for Grand or Reserve) and can be any breed or combination of goat breeds. No maximum weight.
9. Bracing of meat goats is allowed. Exhibitors may use collars, collars with a short lead, or halters when showing. Medium (3mm or smaller) pinch collars will be allowed. Exhibitors may only briefly (2 seconds or less) touch their animal to set legs. Superintendent has the right to disqualify violators.
10. All meat goats must have baby teeth in place with no visible signs of permanent teeth. The decision of the mouthier is final.
11. All Market goats must be "slick shorn" with an equal amount of hair above the knee and hock (head and belly excluded) prior to check-in at show time. A maximum of 3/8" hair length is permitted.
12. Goats are suggested to be dehorned. However, if horns are left, they must be tipped and rounded.
13. Physical abuse of any animal will not be tolerated and will be grounds for disqualification. Show superintendent has the right to interpret this rule.
14. At time of pre-entry, all exhibitors will pay a \$1 per animal non-refundable fee for a veterinary inspection. Inspection will take place before the animal(s) have been unloaded at the fairgrounds. Goats determined by exhibition staff to have lesions of ringworm, warts, or infested with mange will not be permitted to show.
15. All sexually intact goats (does and bucks) must be identified with a registered tattoo or an official USDA ID tag.
16. For animals to be exhibited in a showmanship class, 4-H/FFA members must own and exhibit animal in a regular class. NO animal may be entered in showmanship without also being shown in a regular class. No premiums are paid in showmanship classes.

## Showmanship

**421: Level IV 15-18 yr. old**

**422: Level III 12-14 yr. old**

**423: Level II 9-11 yr. old**

**424: Level I 7-8 yr. old**

Ribbons:

Champion, Reserve Champion, Blue, Red, and White

## Meat Goat Female Show

**425: Doe born after Sept 1**

**426: Doe born before Sept 1**



## **Market Goats**

### **427: Dairy Breed Market Goat**

### **428: Meat Breed Market Goat**

Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White

Grand Champion, Reserve Grand Champion

### **Pen of Three Meat Goats -**

Meat Goats shown in this class must be owned by two (2) or more members of the same 4-H Club. Club Pens may be of mixed breeds. Only one pen per club may be entered. Meat Goat leaders or an appointed representative of each club will be responsible for selecting and grouping animals to be shown.

### **430: Club Pen of three Meat Goats**

Ribbons:

Blue, Red, and White

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## **PETS 4-H/FFA**

Department 70

Superintendent: *Becky Bentley*

### **Rules**

1. Read General Rules.
2. Pre-enter Pet entries by June 30.
3. 4-H'er may exhibit a maximum of one cat and one hand pet.
4. Pet Show entries cannot be exhibited in any other Fair class.
5. Pets will be entered one half hour prior to the show.
6. Pets will be released when judging of the Pet Show is completed.
7. All pets are to be kept in a pet carton, cage, pet crate or on a leash.
8. Pets are not to be removed from the cage while on the fairgrounds. Handling will be permitted during judging only.
9. Judging will be based upon the cleanliness, disposition, and general condition of the animal as well as how knowledgeable the exhibitor is about his or her pet.
10. During consultation judging for hand pets, no extra pictures, displays, scrapbooks, or visual aids, besides the animal itself, will be allowed. This will help to speed up the show and actual judging.
11. All grooming must be done by the exhibitor.
12. 4-H'er must remain with his or her pet until judging of all Pets is completed.
13. No State Fair classes for Pets.
14. Proof of vaccination form must be completed by veterinarian and presented to the superintendent at check in time. These are available at the Extension Office.
15. Cats: all applicable vaccinations must be up to date: Rabies, Feline Distemper, and Feline Leukemia. Feline Leukemia is mandatory for all outdoor cats. It is recommended, but not required, for indoor cats
16. Ferrets: No vaccinations required.
17. Cloverbuds, age 5 and 6, can give a short "show and tell" presentation to develop self-confidence, to feel the satisfaction of having completed an activity, and to learn it's the process and fun of participating and not the product, which is important. This is a non-competitive event and every Cloverbud will receive a participation ribbon.
18. Cats - must wear a collar and leash while on the fairgrounds

### **Cats**

#### **701: Cloverbud - Cat**

#### **702: Cat Lv IV**

#### **703: Cat Lv III**

#### **704: Cat Lv II**

#### **705: Cat Lv I**

Ribbon Awards:  
Champion, Reserve Champion, Purple, Blue, Red, and White  
Grand Champion, Reserve Grand Champion

**Hand Pets** - may be a rabbit, guinea pig, hamster, gerbil, or other small rodent, mammal, reptile, bird, or exotic.

#### **Hand Pet**

**706: Cloverbud Hand Pet**

**707: Hand Pet Lv IV**

**708: Hand Pet Lv III**

**709: Hand Pet Lv II**

**710: Hand Pet Lv I**

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Ribbon Awards:  
Champion, Reserve Champion, Purple, Blue, Red, and White  
Grand Champion, Reserve Grand Champion

#### **Novelty [Cat and Hand Pet]**

**711: Best Enhanced Cage Environment**

**712: Best Decorated Cage**

**713: Most Unusual Pet**

**714: Most Colorful Pet**

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Ribbon Awards: Purple, Blue, Red, White

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## **PHOTOGRAPHY 4-H**

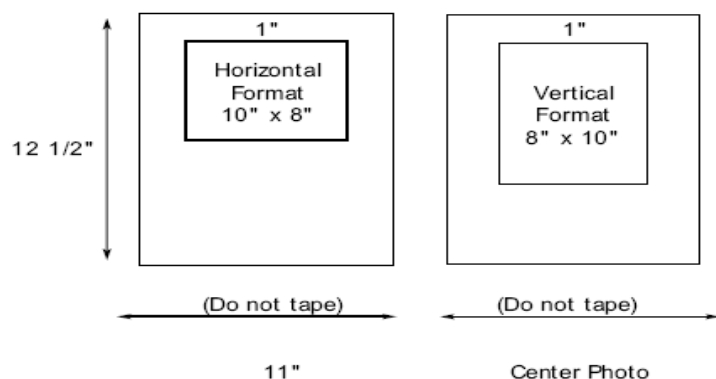
Department 290

Superintendent: *Brenda O'Keefe, Kassadie Burton, Jill Watson, and Michaela Safford*

Capture your friends, family and important events and tell the story through photography. Learn about cameras, and how to plan, compose, light, and exhibit your photos. Advance in wide-angle and telephoto lenses, filters, light meters, and computer enhancement. Photographs are judged on composition, technique, and eye appeal.

#### **Rules**

1. Read General Rules.
2. Consultation judging is offered but not required for all classes.
3. Black and white prints and color photographic prints and/or videos may be exhibited.
4. Exhibitors may enter 2 prints in the photo class, one print in the black and white class, one print in the digital composite class for a total of 4 entries per exhibitor.
5. The photographs entered must be the result of the current year's project work by the 4-H member and photos must be taken by the 4-H member (exhibitor).
6. All photos must be no larger than 8" x 10" and no smaller than 7"x 9", after trimming.
7. Photos are to be mounted across the narrow (11") dimension of an 11" x 12.5" sheet of white or cream studio matte board. Photos mounted on poster board or foam board will not be displayed. Contact the Extension office to purchase matte boards.



8. Photos must be mounted with the top edge of the print 1" below the top of the mount. (Board is always oriented narrow side up). The sides of the print must be equal distance from the two sides of the mount.
9. A full coverage permanent mount (spray adhesive recommended or heat mount) must be made. Each photo is handled numerous times throughout the judging, sorting and display process.
10. Appropriate photo subject matter: Photographic subject matter is expected to follow 4-H standards. For a sense of prohibited subject matter, review the Kansas 4-H member Code of Conduct; in general, if it is not allowable at a 4-H event, it is not allowable in a 4-H photograph at the Fair.
11. No lettering, including dates, is permitted on the front of the mount or on the photo. No underlay or borders are to be used.
12. To protect exhibits from dust, fingerprints, and moisture, place mounted photo in protective plastic sleeve that can be obtained from the Extension office.
13. On the back, write; the exhibitor's name, 4-H club, photo class, location where the photograph was taken and no more than 3 sentences of information about the photograph that you may want to share with the judge.
14. Photos entered in any class of the 4-H Photography Division at the Douglas County Fair may be used in the Douglas County Fair 4-H Photography judging contest. Entry of a photo in the 4-H Photography Division contest grants permission to use the photo in the 4-H Photography Judging Contest.
15. Improperly mounted photos, oversize or undersize photos or photos with the white borders not removed or lettering (including dates) on the photo, will be awarded a ribbon one placing lower than the placing determined by the official judges.
16. Photographs taken with a digital camera and having no more adjustments than exposure, color intensity or correction, one click filters effects, red eye removal, cropping, dodging, and burning should be entered in the standard color or black and white classes. HDR photos are to be entered in the standard photo class.
17. Digital Composite Image: Finished photo must be created from two or more original images photographed by exhibitor. HDR photos do not qualify for this class. Photos will be judged on photographic merit as well as manipulation technique and process.
18. The black and white class is for black and white prints only. Monochromatic prints, including sepia prints are considered color photos and must be entered in the appropriate color photo class.
19. Photos with live subject(s) on railroad right of way or taken from railroad right of way property will not be displayed in Kansas 4-H Photography and will be disqualified and not judged.
20. Copyright protections must be observed.
21. Decisions as to display and/or penalties will be made by the Photography Superintendent and the 4-H Specialist responsible for the photography entries.
22. Photos on exhibit may be used for the Photography Judging Contest.
23. Champion and Reserve Champion exhibits in each entry level will compete for the overall Grand Champion and Reserve Champion awards.

#### **291 Level I Color Photo**

#### **292 Level II Color Photo**

#### **293 Level III Color Photo**

#### **294 Level IV Color Photo**

#### **295 Black and White Photos – All Age Levels**

## **296 My Favorite 4-H Photography**

This new class is only for those photography project members with 10 or more years of experience. This class is a non-judged mounted display consisting of four favorite photos from the member's photography career in 4-H. All photos and a fifth biography/description with details of why they are regarded as most significant will be mounted on white or cream studio matte board. Photos and biography/description will be displayed on one row of the photography racks. This class is an extra way to showcase the development and accomplishments of the 4-H member's photography career. Members can still enter two other classes if they are enrolled 8 or more years in the photography project.

1. This is a "display only" class.
2. Eligible members must have enrolled in photography for ten (10) or more years.
3. Requirements are: A. Choose a total of four (4) of your favorite photos from any of the years enrolled in photography. 45 If used previously in competitive exhibits, remove all data slips and stickers. If the photo is an unmounted print, mount it using standard 4-H requirements and mat board. B. Develop a short biography piece. -Tell how/when an interest in photography began. -Explain why each of the four photos is a favorite. -Share the skills learned because of photography. Think beyond camera skills and include leadership, community service, etc. -Tell of any mentors/leaders worked with. -Share workshops or camps pertaining to photography you attended. -Explain (if relevant) any plans to use photography skills beyond 4-H/High School. -Include a small (2 x 3) photo of yourself at the start of the biography. -Print the biography document and mount it on a standard mat board.
4. Place name and Extension unit on the back of each of the 5 mat boards in the upper right-hand corner.
5. This exhibit does not have to qualify at the county/district level to exhibit at the Kansas State Fair.
6. There is no data slip required.
7. A member who qualifies to exhibit in this class is still allowed to enter two prints and a portfolio for judging if qualifications for those classes are met.

## **297 Growth Portfolio**

1. Member is eligible for this class beginning with the third year of enrollment in the 4-H photography project.
2. Exhibit will consist of one photo for each year of enrollment. Each photo must have been created in a different year and must be labeled with the year taken/project enrollment year. A maximum of 5 photos may be included if the member has 5 or more years of enrollment. Photos are not required to be in a consecutive order. For example, a nine-year-old with three years enrollment in photography is eligible to enter a growth portfolio. The portfolio in this example should have one photo from the seven-year-olds year, one photo from the eight year-olds year, and one photo from the nine-year-old's year. The growth portfolio class may start at any time in the member's photography career. For an older member, the growth portfolio would represent any five years in the project, for example, years 1,3,5,7 and 9 for a member having project enrollment totaling 9 years.
3. Photos must be 8" x 10" and may be color or black and white and must be unmounted.
4. An information sheet must accompany each photo giving brand and model of camera used to create the photo. The settings for focal length, aperture, mode, and shutter speed must also be listed.
5. Skill set used to create the photo must be given and explained. Main goal of each year should be listed.
6. Beginning with photo 2, member description of GROWTH in project skill must be included on information sheet.
7. Exhibit will consist of photos arranged in chronological order of enrollment, information sheet on each photo, and all information listed in #6 and #7. A portfolio book will be required to exhibit.

## **297 Career Portfolio**

1. Member must have been enrolled in Photography for five (5) or more years OR member must be age 15 – 19 and been enrolled in photography for at least two (2) years.
2. Exhibit will consist of ten (10) 8" x 10" photos showing skill development in one of the following photography areas: Portraiture, Special Effects (note done with computer), Landscape, Photojournalism, Black and White, Nature/Wildlife or Graphic Design (computer skills with photos). Photos may have been created over multiple project years.
3. Photos may be color except if Black and White option is chosen and must be unmounted.
4. An information sheet must accompany each photo giving brand and model of camera used to create the photo. The settings for focal length, aperture, mode, and shutter speed must also be listed.
5. A one-page summary should accompany the portfolio listing the goal for pursuing this area of photography and what skills were learned while doing so. Mentors should be acknowledged. Career exploration can also be described.
6. Exhibit will be presented in a notebook designed for portfolio review with pages for required information from #4 and #5.

NOTE: A member may enter only one portfolio each year.

Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White,  
Grand Champion, Reserve Grand Champion

**Club Photo Boards** should be a composition of pictures illustrating activities of 4-H club members and mounted on board (20" x 26" maximum). No three-dimensional exhibits. Include club name on the photo board. Judging is based on arrangement of photos and lettering, and subject matter.

### **299 Club Photo Board**

Ribbon:

Blue, Red, and White,

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## **POULTRY 4-H/FFA**

Department 80

Superintendent: *Russ Harding*

### **Rules**

1. Read General Rules.
2. Pre-enter Poultry entries by June 30. Leased breeding animals must have a lease ID form signed and on file in the Extension Office by June 15.
3. All youth participating in the livestock areas of Bucket Calf, Beef, Dairy, Dairy Goats, Poultry, Rabbits, Sheep, and Swine must be Youth for Quality Care of Animals (YQCA) by June 15th of the current year to show.
4. Judging on all classes except market poultry will be done based on exhibition and production qualities.
5. Poultry entered in the Meat Type Chicken Pen of 3 are eligible for the Champion and Reserve Champion Market Pen of 3 Poultry.
6. Exhibitor should be present at time of judging.
7. Exhibitor limited to three (3) birds per class. One (1) bird constitutes an entry, except is the Pen of 3 classes. Each Pen of 3 entry is counted as one (1) bird.

8. Any 4-H or FFA member exhibiting large birds, such as large ducks, geese, turkeys, large chickens, or peacocks, should contact the Extension Office to let the superintendents know how many large cages they will need for exhibits.
9. All poultry (except waterfowl & pigeons) are required to show proof of being P-T clean by one of the following: Originate from a certified U.S. Pullorum-Typhoid clean flock if coming from a hatchery or out of state (certificate required at check-in) or show proof of negative test at check-in of the county fair. Blood test must be within 90 days of show.
10. NO BIRDS MAY BE REMOVED BEFORE RELEASE TIME ON SUNDAY, (except those meat pens sold in the 4-H livestock auction). ALL BIRDS MUST REMAIN AT THE FAIRGROUNDS, EVEN IF YOU HAVE SOLD THEM TO A 3<sup>RD</sup> PARTY, UNTIL RELEASE TIME ON SUNDAY.
11. For animals to be exhibited in a showmanship class, 4-H/FFA members must own and exhibit animal in a regular class. No animal may be entered in showmanship without also being shown in a regular class. No premiums are paid in showmanship classes.

### **Showmanship**

**801: Level IV 15-18 yr. old**

**802: Level III 12-14 yr. old**

**803: Level II 9-11 yr. old**

**804: Level I 7-8 yr. old**

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### **Other Fowl - PLEASE IDENTIFY BREED ON ENTRY FORM**

**805: Turkeys – all breeds: one bird of either sex**

**806: Guineas (No State Fair Class)**

**807: Any Other Breed or Exotic Fowl (No State Fair Class)**

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### **Waterfowl - PLEASE IDENTIFY BREED ON ENTRY FORM**

**808: Ducks Call or Bantam – one bird of either sex- young or old**

**809: Ducks All Breeds young – one bird of either sex- young or old**

**810: Ducks All Breeds Old – one bird of either sex- young or old**

**811: Geese — one bird of either sex- young or old**

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### **Chickens - PLEASE IDENTIFY BREED ON ENTRY FORM**

**812: Standard Breed Large Fowl 1 young of either sex**

**813: Standard Breed Large Fowl 1 Old of either sex**

**814: Standard Breed Bantam 1 young of either sex**

**815: Standard Breed Bantam 1 Old of either sex**

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### **Production Chickens - judged on egg production qualities only**

**816: Production Pullets Pen of 3.** Such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.

**817: Production Hens Pen of 3.** Such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.

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### **Dual Purpose Chickens – Production and Meat-Type**

**818: Dual Purpose Pullets Pen of 3.** Such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.

**819: Dual Purpose Hens Pen of 3.** Such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.

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### **Meat-type Chicken -three (3) birds of the same sex to be judged on meat production qualities**

**820: Meat-Type Chickens: Pen of 3**

Poultry entered in the Meat Type Chicken Pen of 3 are eligible for the Champion and Reserve Champion Market Pen of 3 Poultry.

### **Pigeons - PLEASE IDENTIFY BREED ON ENTRY FORM- judged for best of overall for champion pigeon**

**821: Old Cock**

**822: Old Hen**

**823: Young Cock**

**824: Young Hen**

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Ribbon Awards:  
Champion, Reserve Champion, Blue, Red, and White  
Grand Champion, Reserve Grand Champion

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## PROJECT DISPLAYS 4-H

Department 300

Superintendent: *Kay Miller and Shelby Miller-Jones*

### Rules

1. Read General Rules. Pre-enter by June 30.
2. Exhibitor may enter one of the following: notebook, display or poster telling about work done in their project per project area.
3. Exhibitor may have entries in more than one project area. At check-in, 4-H'ers are encouraged, but not required, to sign up for consultation judging of one project display entry.
4. No project manuals or records should be entered.
5. The display will be limited to a maximum size of 3' wide x 4' tall. Maximum size will be strictly enforced. Tri-fold display boards, as used in science fair exhibits, may be used.
6. Poster size limited to no larger than 22" x 28".
7. Basis of awards - Educational 40, interest and originality 20, appearance 20, and quality of display material 20.
8. Wildlife - Exhibitors must comply with State and Federal laws. It is illegal to possess threatened or endangered wildlife, or the feathers, nests, or eggs of non-game birds. Game birds and game animals taken legally during an open season may be used. The use of live wild animals in educational exhibits is prohibited.
9. Shooting Sports - Display size will be limited to a maximum size of 3' wide x 4' tall. Exhibitors must comply with State and Federal laws. No "live" ammunition containing propellant or explosive powders may be used in any display! Artistic substitutes must be used in lieu of powder and "live" ammunition. Label artistic substitutes on back for clarification. Name, county, age, and year in project should be on the front of the poster or display. Exhibits will not be accepted if they are related to reloads.
10. No State Fair exhibits in this division, except for Shooting Sports and Wildlife.

**301: Civic Engagement**

**302: Communication**

**303: Environmental Science**

**304: Exploring 4-H**

**305: Family Studies**

**306: Health & Wellness**

**307: Leadership**

**308: Performing Arts**

**309: Reading Adventures**

**310: Self-Determined**

**311: Shooting Sports**

**313: Wildlife**

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Ribbon Awards:  
Champion, Reserve Champion, Purple, Blue, Red, and White  
Grand Champion, Reserve Grand Champion

## RABBITS 4-H/FFA

Department 90

Superintendents: *Mike & Robyn and Matthew Kelso*

### Rules

1. Read General Rules.

2. Pre-enter Rabbit entries by June 30 including ear tattoos. Substitution of ear tattoos allowed until noon on Friday before check-in on Monday. The substitution must be in the same class, breed, variety, and sex. You may not switch classes. Please double check the special entry form for correctness.
3. All youth participating in the livestock areas of Bucket Calf, Beef, Dairy, Dairy Goats, Poultry, Rabbits, Sheep, and Swine must be certified by Youth for Quality Care of Animals (YQCA) by June 30th of the current year to show.
4. Errors with breed, class, type, age and/or sex identification will be a disqualification at fair entry time.
5. Coop tags will be placed on coops by the superintendents before the time of entry. Showmanship papers will be handed out the day of the show by the show clerk, it will be your responsibility to pick these up before the show begins. You will need these to be allowed to show.
6. All rabbits must be owned by June 15 of the current year. Leased breeding animals must have a lease ID form signed and on file in the Extension Office by June 15.
7. Each rabbit is to be legibly and permanently tattooed in its left ear for identification. There will be no tattooing once rabbit is on the fairgrounds. Permanent marker tattoos are not allowed. Please contact superintendent for tattooing ahead of time.
8. All ARBA and State fair guidelines will be followed. Any breed recognized by the American Rabbit Breeders Association (ARBA) will be allowed to show. Each recognized ARBA color constitutes a variety. Classes will be divided according to ARBA rules and judged according to ARBA's "Standard of Perfection". Please check the minimum and maximum weights for your breed against your rabbits. If yours aren't within these requirements, they will be disqualified. No mixed breed of rabbit will be allowed to show.
9. Exhibitors shall have no more than one (1) rabbit per class (i.e., each exhibitor can have only ONE solid senior Mini Lop doe). Exhibitors may enter a maximum of 20 rabbits.
10. All rabbits will be divided into age classes (pre-junior, junior, 6-8 months, and senior) and judged according to their breed standard.
11. If you have a breed that is not listed, please contact the superintendents for the correct way to enter your rabbit. AOB will no longer be a class to enter a rabbit in. To ensure your breed is accepted, you must contact the superintendents.
12. Any rabbit that is pre-entered in showmanship and fur class must be entered in a regular class. Fur class pre-entries need to be marked for type of fur class only, our tattoos will be reported on the day rabbit is entered at the fair, not the day of the show. Exhibitors may enter one (1) rabbit in each fur class, for a maximum of eight (8) total fur entries. Any rabbit disqualified in the regular classes will not be allowed to show in the fur classes or used for showmanship.
13. If you are not able to be present to show your rabbit, please notify the superintendents before the show. If you are present and need help, your parents may not assist you in the ring. Parents may not help carry rabbits from pen to judging table. Parents/Guardians may help in moving rabbits from the barn to the arena, however no parents are allowed in the show arena. Moving the rabbit from the cage to the show table is the responsibility of the exhibitor and should the exhibitor be unable, assistance should be requested from the superintendents or other exhibitor.
14. There will be two (2) calls for rabbits in each class then judging will begin. Show table closes at the time for any missing rabbits. It is the responsibility of the exhibitor to know the show order and have rabbits at the judging arena and judging table on time.
15. Rabbits used in showmanship must be entered in the regular show. List the showmanship contest on your pre-entries. If a rabbit is disqualified from the regular show, it shall not be exhibited in showmanship.
16. Rabbit judging contest will be held on Thursday, during the judging of the rabbits. All rabbit exhibitors are encouraged to participate in the rabbit judging contest. This must be listed on the pre-entry form.
17. Cable ties will be put in rabbit cages at 6:00 p.m. for the safety of the rabbits.
18. Livestock exhibitors are required to clean their livestock pens or stalls at the conclusion of the fair. All rabbits and equipment must be out of the barn and cleaning completed by the end of the pre-determined check out time. All premiums will be forfeited if rabbits are left in the barn and stalls not properly cleaned.
19. All rabbits exhibited in the meat pen classes are required to present a drug withdrawal form upon check in of the rabbit. If this cannot be provided, the rabbits will be disqualified.



20. No diseased or unhealthy rabbit will be allowed on the fairgrounds. Any unhealthy rabbit will be released by the rabbit superintendent.
21. For an animal to be exhibited in a showmanship class, 4-H/FFA, members must own and exhibit the animal in a regular class. No premiums are paid in showmanship.

### **Showmanship**

**901: Level IV 15-18 yr. old**

**902: Level III 12-14 yr. old**

**903: Level II 9-11 yr. old**

**904: Level I 7-8 yr. old**

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Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White

### **4 Class Rabbits**

**909: Sr Buck**

**910: Sr Doe**

**911: Jr Buck**

**912: Jr Doe**

### **6 Class Rabbits**

**913: Sr Buck**

**914: Sr Doe**

**915: Intermediate Buck**

**916: Intermediate Doe**

**917: Jr Buck**

**918: Jr Doe**

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Breeds: As listed with ARBA

American Fuzzy Lop, Californian, Dutch, Dwarf Hotot, English Angora, English Loop, Flemish Giant, Florida White, French Angora, French Lop, Havana, Holland Lop, Jersey Wool, Lionhead, Mini Lop, Mini Rex, Mini Satin, Netherland Dwarf, New Zealand, Palomino, Polish, Rex, Satin, Tan, Silver Fox, Britannia Petite, Champagne D'Argent, Checkered Giant, Crème D'Argent, Blanc de Hotot, English Spot, Giant Angora, Harlequin, Himalayan, Lilac, American, Rhinelander, Satin Angora, Silver, Silver Marten, Standard Chinchilla, Thrianta, Cinnamon, Giant Chinchilla, American Chinchilla, American Sable, Belgian Hare, Argente Brun, Beveren.

Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White

Grand Champion, Reserve Grand Champion

### **919 Meat Pen**

Meat pen -A meat pen shall consist of three (3) rabbits with a minimum weight of 3.5 pounds and maximum weight of 5.5 pounds. The date of birth of each rabbit must be shown on the entry form and cannot be over 70 days of age day of show. All 3 rabbits must be the same breed and variety, but they do not need to come from the same litter. Any breed of rabbit that can be within the minimum and maximum weight and still meet the age requirement may show as a meat pen. They will be judged on their meat qualities, condition, and uniformity. They must meet their breed standards. No mixed breeds allowed. Meat Pen Rabbits cannot be entered in other rabbit classes.

Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White

Grand Champion, Reserve Grand Champion

### **Fur**

**920: Normal White Fur**

**921: White Satin Fur**  
**922: White Rex Fur**  
**923: Normal Colored Fur**  
**924: Colored Satin Fur**  
**925: Colored Rex Fur**  
**926: Colored Wool**

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Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White  
Best Overall Fur Champion

#### **Rabbit Judging Contest - No Premium**

**905: Level IV 15-18 years old**  
**906: Level III 12-14 years old**  
**907: Level II 9-11 years old**  
**908: Level I 7-8 years old**

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## **ROBOTICS 4-H**

Department 310

Superintendent: *Craig Shultz*

The Kansas 4-H Robotics program is designed to allow 4-H members to explore robotics through robots of various designs.

#### **RULES:**

1. 4-H members must be currently enrolled in the Kansas 4-H Robotics project to exhibit in this division.
2. Each exhibitor may enter one robot per class. Exhibits must have been constructed and/or completed during the current 4-H year.
3. Each robot must be free-standing, without the need for additional support to be moved or exhibited. Each exhibit must include a robot, information packets are not a sufficient exhibit.
4. Robots must have automated articulated structures (arms, wheels, grippers, etc.). Game consoles that display on a screen are not considered robots and should either be entered in computer systems division or energy management project. Robots requiring no assembly, just programming, such as Ozobots, are considered computer systems projects as the skill is focused on the programming not on the construction of the robot.
5. Robot dimensions should not exceed 2 feet high, by 2 feet wide, by 2 feet deep. Weight may not exceed 15 pounds. If displayed in a case (not required) the outside case dimensions may not be more than 26 inches in height, width, or depth.
6. Materials including but not limited to obstacles, spare batteries, and mats for testing the robot may be brought by the exhibitor on the day of judging and those materials not essential to the exhibit may be taken home following completion of judging.
7. All electric components of the robot must be adequately covered or concealed with a protective enclosure. Paper is NOT considered an adequate enclosure or covering for electrical components.
8. Robots may be powered by an electrical, battery, water, air, or solar source only. Junk drawer robots may be powered by a non-traditional power source. Robots powered by fossil fuels/flammable liquids will be disqualified. Robots that include weaponry of any kind will be disqualified. Weaponry is defined as any instrument, possession, or creation, physical and/or electrical that could be used to inflict damage and/or harm to individuals, animal life, and/or property.
9. Remote controlled robots are allowed under certain conditions provided that the robot is not drivable. Robotic arms (hydraulic or electric) are allowed. A remote is allowed provided more than a single action happens when a single button is pressed on the remote, for example "a motor spins for 3 seconds, at which point an actuator is triggered, then the motor spins for 3 more seconds." Remote controlled cars, boats, planes and/or action figures, etc. are not allowed.
10. Each robot must be in working condition. The judges will operate each robot to evaluate its workmanship and its ability to complete its intended task. In the event the robot uses a phone, tablet, or similar device for programming AND control of the robot, a video can be used to evaluate the working condition of the robot.
11. Each exhibitor is required to complete the "4-H Robotics Exhibit Information Form" which is available through your local K-State Research and Extension office or at <http://robotics.engtech4ks.com/>. This form must be attached to the outside of a 10" x 13" manila envelope. All revisions of all forms previously released for the STEM division, either

undated or dated prior to current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year. Use of old forms would result in the loss of one ribbon placement for exhibits.

12. The exhibit must include written instructions for operation (the instructions should be written as if they were to tell a grandparent or elderly person how to operate the robot), construction plans, and one to three pages of project photographs. For robots that can be programmed, robot programming information must be included, this information should be placed inside the 10" x 13" manila envelope mentioned above. Robot programming information can be, but not limited to, source code, block diagrams, screen captures of the coding window, and other images that show the programming logic used.

13. If the robot uses a device like a phone, iPad, or tablet for programming AND operation, DO NOT leave the device (phone, tablet, etc.) at the fair. The device's safety cannot be insured. Bring it with you the day of judging.

14. Each exhibit should include a video of the youth following their instructions for operation. This allows judges to get a better understanding of the exhibit and allows the youth the opportunity to fully demonstrate their exhibit. The video should be no longer than 8 minutes and should be placed on the CD, DVD, USB drive, or similar.

15. Creativity, workmanship, and functionality will be strong criteria in judging the "Robot designed by Exhibitor" classes. All robots should have a purpose or intended function, examples include, but are not limited to following a line, sweeping the floor, solving a rubix cube, sorting colors, or climbing stairs.

16. Exhibitor's name(s) and county or district must be tagged or labeled in a prominent location on the robot,

17. There are no county or district boundaries that must be adhered to to form a Kansas 4-H Robotics team. However, as mentioned in #1, each team member must be currently enrolled in the Kansas 4-H Robotics project.

18. See general rules regarding specific educational display, notebook, and poster board rules.

### **Level I 7–8-year-olds**

**3108: Lv I Robot from kit (purchased), include construction plans**

**3109: Lv I Robot original design by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.**

**3110: Lv I Programmable robot from kit**

**3111: Lv I Robot from kit operated by remote controlled device**

**3112: Lv I Junk drawer robotics-based curriculum robot**

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### **Level II 9–11-year-olds**

**3113: Lv II Robot from kit (purchased), include construction plans**

**3114: Lv II Robot original design by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.**

**3115: Lv II Programmable robot from kit**

**3116: Lv II Robot from kit operated by remote controlled device**

**3117: Lv II Junk drawer robotics-based curriculum robot**

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### **Level III 12–14-year-olds**

**3118: Lv III Robot from kit (purchased), include construction plans**

**3119: Lv III Robot original design by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.**

**3120: Lv III Programmable robot from kit**

**3121: Lv III Robot from kit operated by remote controlled device**

**3122: Lv III Junk drawer robotics-based curriculum robot**

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### **Level IV 15–18-year-olds**

**3123: Lv IV Robot from Kit (purchased), include construction plans**

**3124: Lv IV Robot original design by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.**

**3125: Lv IV Programmable robot from kit**

**3126: Lv IV Robot from kit operated by remote controlled device**

**3127: Lv IV Junk drawer robotics-based curriculum robot**

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**3128: All Levels Educational Display, Notebook, or Poster Board**

### **Team Robotics Project**

### 3147 Robot designed and constructed by 2 or more 4-H STEM project members.

The robot must not be a mere modification of an existing robot kit or plan. The robot may be a programmable type that is made from a commercial (purchased) kit. This division is designed to encourage teamwork and cooperation among fellow 4-H STEM members. As with many high-tech projects today, no one person designs and builds a robot alone. It takes brainstorming, planning, problem solving, and cooperation of an entire team to complete a given robotics project. Exhibitors in this division will be assigned a task for their robots to perform. The tasks are changed annually. Please visit the STEM website [www.STEM4KS.com](http://www.STEM4KS.com) for the current year's task. Click on the KSF Packet Link.

Ribbons:

Champion, Reserve Champion, Purple, Blue, Red, and White

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## SEWING & TEXTILE DESIGN [CONSTRUCTION]

Department 150

Superintendents: *Kalie Olsen and Karen Flory*

This project will teach you the basics, such as sewing a pillowcase or shirt, learning different stitches, or putting in a zipper. Learn to create and sew your own clothing and accessories while exploring the world of fashion and how to take the design of your choice and customize it for the perfect look, color and fit.

### Rules

1. ALL JUDGING FOR THIS DEPARTMENT WILL TAKE PLACE PRIOR TO THE FAIR. REFER TO THE SCHEDULE OF EVENTS FOR DATE AND TIMES. However, to receive the ribbon and premium money the 4-H'er must bring the exhibit to the Fair and enter it during exhibit entry time. At that time the ribbon placing will be awarded based on judging.
2. During the judging the 4-H'er will have an opportunity to participate in a consultation judging for Constructed, Recycled Clothing Project, and Educational Exhibits. (If unable to attend, they may have another 4-H'er, their leader, or a parent bring their exhibit to be judged.) In addition to this, they may participate in the Modeling Showcase judging. (See the following MODELING SHOWCASE below) DETAILS WILL BE AVAILABLE IN A SPECIAL EMAIL CLOSER TO THE FAIR.
3. A 4-H'er may enter 5 Constructed Article/Garment/Outfit, 1 Educational Exhibit, and 1 Recycled Clothing Project.

**Constructed Article, Garment or Outfit:** Any item can be exhibited here that the 4-H'er has hand or machine sewn for themselves or others. For Modeling Showcase most of the outfits must be constructed and modeled by the 4-H member who made the garment/outfit. Everything which is commonly considered an outer garment must be constructed (vest, jacket, dress, skirt, pants, coat, etc.) This class is also for any garment or item that was constructed by the 4-H'er for a unique purpose and meant for limited use (i.e., a Halloween costume, performance costume, holiday decoration, special event outfit, etc.) It will be judged by construction standards that support its use. Creativity and suitability for the occasion are the basic criteria for judging. A sweater, blouse or shirt that is worn underneath another constructed garment can be purchased or made.

**Educational Exhibit:** Share with others what you learned in a clothing construction project. Exhibits may be in the form of a poster, notebook, or display. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Take care to select durable materials that will withstand fair conditions. No card table displays are allowed. If the exhibit is a poster, it must not be larger than 22" x 28". If the exhibit is a display, maximum size is 2' x 3' tri-fold display board. Name and county must be clearly marked on educational exhibits.

**Recycled Clothing Project:** An item made of at least 50% recycled material (recycled means reusing an existing item in a new way). This could be remaking/redesigning a garment, re-purposing a clothing item for a new use, etc. Item must include sewing of some kind. A 4" x 6" index card MUST accompany entry describing the recycled materials and how they were used in the item.

4. Articles, garments, outfits may be used/worn but should be carefully laundered or cleaned before being exhibited. If soiled, they will not be displayed.

5. Precut kits are acceptable for all clothing classes. All articles/garments must be finished for use.
6. Since care labels are not always available, NO care label will be required; however, 4-H members should know how to care for fabrics they purchase.
7. At the State Fair a 4-H'er may enter a maximum of two exhibits in this division. One constructed piece and one individual educational exhibit. For State Fair exhibits you are encouraged to attach an index card or photo, no larger than 4" x 6" with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know. Explain if the exhibit contains any recycled materials.

**Ribbon Awards:**

Champion, Reserve Champion, Purple, Blue, Red, and White

Overall Grand Champion and Overall Reserve Grand Champion

## **MODELING**

1. In addition to the consultation judging, 4-H'ers may participate in model judging held on the same day. All 4-H'ers exhibiting in the Clothing Consultation are encouraged to participate in the modeling portion. The 4-H'er must be present to participate in this as they are required to model their outfit. REFER TO THE SCHEDULE OF EVENTS FOR DATE AND TIMES. DETAILS WILL BE AVAILABLE IN A SPECIAL EMAIL CLOSER TO THE FAIR.
2. A 4-H'er must participate in the model judging portion to be eligible to participate in the PUBLIC MODELING SHOWCASE. 4-H'ers MUST PARTICIPATE AND BE PRESENT AT THE PUBLIC MODELING SHOWCASE TO RECEIVE RECOGNITION OR AWARDS. RIBBONS AND PRIZE MONEY WILL BE WITHHELD IF PARTICIPANTS DO NOT PARTICIPATE IN THE PUBLIC MODELING SHOWCASE.
3. There will be four age levels in the Modeling Showcase for each of the following: Constructed Garment and Shopping in Style Buymanship
4. A 4-H'er may model three outfits in Clothing Construction and three outfits in Shopping in Style Buymanship in each age level. A majority of the outfit must be owned (not borrowed) by the 4-H'er. A Champion and Reserve Champion will be selected in each of the four age levels for all three sections. The judges will select two (2) contestants (14 and over) in each section (Construction and Shopping in Style Buymanship) to represent Douglas County at the state fair. For exact times and details of this event, refer to the special email in June.

### **Level I [ 7–8-year-old]**

**1501: Consultation Constructed Article, Garment or Outfit (Limit 5)**

**1502: Modeling (Limit 3)**

### **Level II [9–11-year-old]**

**1503: Consultation Constructed Article, Garment or Outfit (Limit 5)**

**1504: Modeling (Limit 3)**

### **Level III [12–14-year-old]**

**1505: Consultation Constructed Article, Garment or Outfit (Limit 5)**

**1506: Modeling (Limit 3)**

### **Level IV [15–18-year-old]**

**1507: Consultation Constructed Article, Garment or Outfit (Limit 5)**

**1508: Modeling (Limit 3)**

### **Additional Classes – All Ages – Limit 1 Entry Per Class**

**1509: Recycled Clothing Project All Ages**

**1510: Educational Exhibit All Ages**

## Rules

1. Read General Rules.
2. Pre-enter Sheep entries by June 30. Leased breeding animals must have a lease ID form signed and on file in the Extension Office by June 15.
3. All youth participating in the livestock areas of Bucket Calf, Beef, Dairy, Dairy Goats, Poultry, Rabbits, Sheep, and Swine must be certified by Youth for Quality Care of Animals (YQCA) by June 15th of the current year to show.
4. Exhibitor may show no more than three (3) market lambs. Division will be made by weight if so warranted.
5. Lambs must be born on or after Jan. 1, of the current year.
6. To help prevent club lamb fungus at the Fair, all market lambs must be slick sheared prior to bringing them to the fair. A maximum of 0.2 (two tenths) inches of wool is permitted. And, if the ewes will be sheared for the show, they must be sheared prior to unloading at the fair.
7. Champion and Reserve Champion lambs in each breed will compete for Grand Champion and Reserve Grand Champion.
8. Champion and reserve ewes from each breed, other purebreds, and commercial or crossbred classes will show for Supreme and Reserve Supreme Breeding Ewe awards.
9. Animals shown in market classes are not eligible for breeding classes and vice versa. This applies to both 4-H and Open Class entries. Animals are considered either breeding or market animals, not both.
10. Market lambs must have been weighed and identified to a 4-H'er enrolled in sheep at the official spring weigh-ins in May and this information be recorded on official forms in the Douglas County Extension Office. Wether market lambs must be physical castrates.
11. Original registration or transfer papers for animals in breeding classes must be in the name of the exhibitor by June 15 of the current year. Animals may be co-registered by 2 or more youth in the same family. Breeding animals registered in a farm name or whose papers include the name of adults are not eligible to show. 4-H/FFA breeding animals that are not registered may be shown in the Commercial classes.
12. At time of pre-entry, all exhibitors will pay a \$1 per animal non-refundable fee for a veterinary visual inspection. Inspection will take place prior to the animals being unloaded at the fairgrounds.
13. All sexually intact sheep (ewes and rams) and wethers must be identified with an official USDA premise ID tag. Lambs, less than 8 weeks of age, accompanying their dams are exempt from tagging requirements.
14. For animals to be exhibited in a showmanship class, 4-H/FFA members must own and exhibit animal in a regular class. No animal may be entered in showmanship without also being shown in a regular class. No premiums are paid in showmanship classes.

## Showmanship

**1001: Lv IV 15-18 years old**

**1002: Lv III 12-14 years old**

**1003: Lv II 9-11 years old**

**1004: Lv I 7-8 years old**

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Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White

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## Breeding Sheep

**1005: Purebred/Registered Breeding Ewe**

**1006: Commercial Ewe**

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Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White

Grand Champion, Reserve Grand Champion

### **Market Lambs - 90 lbs. and heavier**

Classes according to breeds. If it is not one of the State Fair recognized breeds, there must be 3 animals of the same breed to make a class, or it will be recognized as an AOB.

#### **1007: Purebred Lambs**

#### **1008: Crossbred Market Lambs**

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Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White  
Grand Champion, Reserve Champion

### **Club Pen of Three Market Lambs**

Market lambs shown in this class must be owned by two (2) or more members of the same 4-H Club. Club Pens may be of mixed breeds. Only one (1) pen per club may be entered. Sheep leaders or an appointed representative of the club will be responsible for selecting and grouping animals to be shown.

#### **1009: Club Pen of Three Market Lambs**

Ribbons:

Blue, Red, and White

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## **SHOPPING IN STYLE [BUYMANSHIP] 4-H**

Department 150

Superintendent: *Kalie Olsen and Karen Flory*

4-H members will learn what clothing styles look best on them while they also gain skills in building a versatile wardrobe and staying within their budget. Each year enrolled in Shopping in Style should build on the previous year's learning experience. Exhibit one of the following options that align with the 4-H member's Shopping in Style level.

### **Education Display Rules**

1. Posters can be flat poster board or foam board, no larger than 22" x 28."
2. Tri-fold educational displays must be free standing and no larger than 36" x 48."
3. Photos of 4-H members in purchased outfit must demonstrate criteria as outlined on scoresheet. Consider multiple angles, good light and highlight details so that the judge may accurately evaluate the exhibit.
4. Exhibits should include actual photos of 4-H member in garments, and may also include pictures from magazines or the internet
5. Curriculum available at the Extension Office or <https://www.douglas.k-state.edu/4-h/douglas-county-fair.html>

### **Buymanship Modeling Rules**

1. A majority of the outfits must be owned (not borrowed) and modeled by the 4-H member or made by another individual for the 4-H member if the fabric and pattern were chosen by the 4-H member.
2. Everything which is commonly considered an outer garment must be purchased by the 4-H member or constructed by another person (vest, jacket, dress, skirt, pants, coat, etc.).
3. 4-H member must participate in Buymanship Modeling to be eligible to participate in the PUBLIC MODELING SHOWCASE. Members must participate and be present at the PUBLIC MODELING SHOWCASE to receive recognition or awards. Ribbons and prize money will be withheld if the member does not participate.

### **Level I**

**1511: Buymanship Modeling/Consultation [limit 3]****1512: Educational Display**

Choose one of the following activities from Unit 1 or Unit 2 of the curriculum project manuals. Exhibit should consist of poster that showcases:

- A. A garment you purchased that reflects your personal style and explains how this garment reflects your style and how it influences what others think of you.
- B. A garment you purchased and explain how your personal style either aligns or contradicts what is considered to be “in style” today.
- C. A garment you purchased and explain or illustrates how this garment is a modern version of a fad or fashion from an earlier decade.
- D. A garment you purchased and explain how this garment reflects a different ethnic or cultural influence.
- E. A garment you purchased and includes a color discussion that provides an overview of how different colors complement different hair colors and skin tones and how that influenced garment selection.

**Level II****1513: Buymanship Modeling/Consultation [limit 3]****1514: Educational Display**

Choose one of the following activities from Unit 3 or Unit 4 of the curriculum project manuals. Exhibit should consist of a display that showcases:

- A. An outfit you purchased to wear with a clothing item that was already in your wardrobe that still fit but you didn't wear anymore. Explain why the clothing item was not being worn and what you did to transform it into a wearable garment again.
- B. A top and bottom that you purchased, as well as at least three pieces of clothing in your existing wardrobe that you can mix and match with the new items to create multiple outfits. Includes a clothing inventory and explain what you have learned by completing this activity.
- C. An outfit you purchased and explain why you selected the garment you did, your shopping budget, and cost per wear.
- D. An outfit you purchased and explain how advertising influences clothing purchases making a distinction between wants and needs. Include your shopping budget and cost per wear.
- E. An outfit you purchased along with a cost comparison between garments/accessories purchased vs. sewing/constructing the outfit. Comparison should include variety of shopping options and/or price tracking at stores over a period of time.

**Level III****1515: Buymanship Modeling/Consultation [limit 3]****1516: Educational Display**

Choose one of the following activities from Unit 3 or Unit 4 of the curriculum project manuals. Exhibit should consist of a display that showcases:

- A. An outfit you purchased to wear with a clothing item that was already in your wardrobe that still fit but you didn't wear anymore. Explain why the clothing item was not being worn and what you did to transform it into a wearable garment again.
- B. A top and bottom that you purchased, as well as at least three pieces of clothing in your existing wardrobe that you can mix and match with the new items to create multiple outfits. Includes a clothing inventory and explain what you have learned by completing this activity.
- C. An outfit you purchased and explain why you selected the garment you did, your shopping budget, and cost per wear.
- D. An outfit you purchased and explain how advertising influences clothing purchases, making a distinction between wants and needs. Include your shopping budget and cost per wear.
- E. An outfit you purchased along with a cost comparison between garments/accessories purchased vs. sewing/constructing the outfit. Comparison should include a variety of shopping options and/or price tracking at stores over a period of time.

**Level IV****1517: Buymanship Modeling/Consultation [limit 3]****1518: Educational Display**



Choose one of the following activities from Unit 5 or Unit 6 of the curriculum project manuals. Exhibit should consist of a display that showcases:

- A. An outfit you purchased and care requirements not only for this garment but also for garments made of other natural and synthetic fibers. Display should also include a care cost analysis for garments of different fibers.
- B. An outfit you purchased which you have repaired or altered. Include a clothing inventory list which includes cost savings for repaired items as compared to purchasing replacement garments.
- C. An outfit you purchased along with plans and commentary for a fashion show that would capture the attention of an audience. Plans should identify target audience, venue, theme, budget, and logistical plan for the fashion show.
- D. An outfit you purchased and explain 3 methods of clothing repair that you have learned, i.e. torn seam, torn hem, replacing a button, etc. The display should also include photos and a list of your assembled clothing first aid kit. Include itemized expenses.
- E. An outfit you purchased and feature any other completed activity from the Shopping In Style curriculum of your choosing that isn't listed above.

Ribbons:

Champion, Reserve Champion, Purple, Blue, Red, and White

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## SMALL ENGINES 4-H

Department 310

Superintendent: *Craig Shultz*

Through Small Engines, you will have the opportunity to educate others about what youth have learned through the project or to promote the benefits of participation in those project areas.

### Rules

- 1. All exhibits should involve engines smaller than 20 horsepower.
- 2. Engine should contain no fuel in tank or carburetor.
- 3. Displays are limited to 4' wide and 4' deep – both upright and floor displays.
- 4. A sheet of operating instructions must be furnished for any exhibit not self-explanatory.

**1805 Display** – Exhibit a display, selecting one of the following options: 1) a display identifying different engine or lawn and garden equipment parts or a display showing the function of the various engine or lawn and garden equipment parts; OR 2) a display identifying and explaining the function(s) of different special tools needed for small engine work; OR 3) a display illustrating and providing the results of any one of the experiments that are included in the project books. No complete engines, lawn tractors, tillers, chainsaws are permitted for display. Maximum tri-fold size is 3' x 4'.

**1806 Maintenance** – Exhibit a display that illustrates either 1) Routine maintenance procedures OR 2) Diagnosing and troubleshooting specific problems in an engine. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display, using a maximum tri-fold size of 3' x 4'.

**1807 Operation** – Exhibit an operable small engine (no more than 20 HP) overhauled or rebuilt by the member. Include maintenance schedule for the engine and a brief description of steps taken by the member overhauling or rebuilding the engine. Maximum tri-fold size is 3'x4'. Engine should contain no fuel in tank or carburetor.

Ribbons:

Champion, Reserve Champion, Purple, Blue, Red, and White

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## SWINE 4-H/FFA

## Rules

1. Read General Rules.
2. Pre-enter Swine entries by June 30. Leased breeding animals must have a lease ID form signed and on file in the Extension Office by June 15.
3. All youth participating in the livestock areas of Bucket Calf, Beef, Dairy, Dairy Goats, Poultry, Rabbits, Sheep, and Swine must be certified by Youth for Quality Care of Animals (YQCA) by June 15th of the current year to show.
4. Each exhibitor is limited to a maximum of three (3) Market Hogs.
5. No exhibitor may show more than two (2) heads in each breeding class. Animals shown in market classes are not eligible for breeding classes and vice versa. This applies to both 4-H and Open Class entries. Animals are considered either breeding or market animals, not both.
6. Market Hogs and Breeding Gilts will be shown by breed. Purebred Market Hogs and Breeding Gilts must have original registration or transfer papers in the name of the exhibitor by June 15 of the current year. Animals may be co-registered by 2 or more youth in the same family but cannot be in a farm name or include the name of adults. If more than one class is needed for commercial breeding gilts per superintendent recommendations, class will be split on weight.
7. Feeder Hogs (Barrows or Gilts) - 219 lbs. and below - All breeds will be shown together. Classes will be broken by weight if so warranted. Animals in this class are not eligible to compete in Championship Class, Carcass Class, or to sell through livestock auction. Animals are eligible for showmanship class.
8. Market Hogs (barrows or gilt) - 220 lbs. minimum - shown by breed. Classes will be broken by weight if so warranted. Barrow market hogs must be physical castrates.
9. Champion and Reserve Champion hogs in each breed will compete for Grand Champion and Reserve Grand Champion.
10. Market Hogs must be identified to a 4-H'er enrolled in swine at the official spring identification day and this information be recorded on official forms in the Douglas County Extension Office.
11. At time of pre-entry, all exhibitors will pay a \$1 per animal nonrefundable fee for a veterinary visual inspection. Inspection will take place after the animals have been unloaded at the fairgrounds.
12. For animals to be exhibited in a showmanship class, 4-H/FFA members must own and exhibit animal in a regular class. No animal may be entered in showmanship without also being shown in a regular class. No premiums are paid in showmanship classes.

## Showmanship

- 1101: Lv IV 15-18 years old**  
**1102: Lv III 12-14 years old**  
**1103: 9-11 years old**  
**1104: 7-8 years old**
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### Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White

## Breeding Gilts

- 1105: Registered Gilt**  
**1106: Crossbred Gilt**
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### Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White  
Grand Champion, Reserve Grand Champion

**Market Hogs (Barrows or Gilts) - 220 lbs. and heavier**  
Classes are divided according to breeds.

- 1107: Registered Market Hog**  
**1108: Crossbred Market Hog**
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### Ribbon Awards:

Champion, Reserve Champion, Blue, Red, and White  
Grand Champion, Reserve Grand Champion

### **Club Pen of Three Market Hogs**

Market Hogs shown in this class must be owned by two (2) or more members of the same 4-H Club. Club Pens may be of mixed breeds. Only one pen per club may be entered. Swine leaders or an appointed representative of each club will be responsible for selecting and grouping animals to be shown.

### **1109: Club Pen of Three Market Hogs**

Ribbon Awards:  
Blue, Red, and White

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## **UNCREWED AIRCRAFT SYSTEMS 4-H**

Department 180  
Superintendent: *Craig Shultz*

The 4-H uncrewed aerial system or UAS project explores the world from above the trees and discovers new frontiers with UASs. UASs are commonly known as Uncrewed Aerial Vehicles (UAVs) or drones. Members explore the uses and applications of uncrewed aerial system including how UASs link to other projects such as geology, robotics, electronics, crop science and many more.

### **Rules**

1. The 4-H members must be currently enrolled in the 4-H Uncrewed Aerial Systems (UAS) project to exhibit in this division.
2. Each exhibitor may enter one exhibit per class. The exhibit must have been completed during the current 4-H year.
3. The information that accompanies the UAS must be limited to the 4-H UAS Exhibit Information Form which is affixed to a 10" x 13" envelope. This envelope should NOT be attached to the UAS. This may be downloaded from <http://uas.engtech4ks.com/>. Any UAS exhibit not including this completed envelope will receive an automatic participation ribbon. All revisions of forms previously released for the STEM division dated prior to current year are void for use and new forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year.
4. Each exhibit MUST include a video of the youth operating their UAS. This allows judges to get a better understanding of the exhibit and allows the youth the opportunity to fully demonstrate their exhibit. The video should be no longer than 8 minutes and should be placed on a CD, DVD, USB drive, or similar.
5. Exhibitor's name, county or district, age, and years(s) in project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook, and/or poster.
6. Uncrewed Aerial Systems that include or depict weaponry of any kind will be disqualified.
7. See general rules regarding specific educational display, notebook, and poster board rules.
8. If modifications are made to the exhibit a page should be attached noting those modifications.
9. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judges' discretion, will receive a participation ribbon.
10. For exhibits "designed and constructed by the exhibitor" the UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.
11. For "practical application" exhibits, the exhibit must include the UAS, plus one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, and bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

**3141** Unmanned Aerial System designed and constructed by exhibitor that is operated by a remote-controlled device. The UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.

Practical application of an Unmanned Aerial System constructed from a commercial (purchased) kit. This includes the UAS, plus one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, and bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

**3142: All Levels Education Display, Posterboard, or Notebook**

Ribbons:

Champion, Reserve Champion, Purple, Blue, Red, and White

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## Visual Arts- 4-H

Department 120

Superintendents: Mindy Dechant and Emily Orwig

The visual arts project teaches artistic skills and the elements and principles of design. 4-H members explore techniques, study art history, culture, and discover their talents. Be creative; draw, paint and work with different mediums.

NOTE: Visual Arts include cutting, pasting, drawing, painting, sculpting, printing, 3-D construction, and fiber not included in Fiber Arts.

### Rules

1. Read General Rules. Pre-enter by June 30. Exhibitor must be enrolled in Visual Arts.
2. An exhibitor may enter up to 4 exhibits per age level with no more than one entry from a kit.
3. Each exhibit in classes 12001, 12004, 12007 & 12010 should be the original work of the exhibitor.
4. A visual art is considered to have been created primarily for visual purposes. It will be judged for its beauty, originality and meaningfulness, specifically painting, sculpture, drawing, watercolor and graphics. Crafts are objects that are intended to be useful or functional rather than purely visual, including ceramics, scrapbooking, basketry, jewelry, metalwork and textiles.
5. Work should be matted, framed or in acceptable form to display and hang. Mounts, mats, or frames need not be constructed by exhibitors. All exhibits which need to be hung must have a wire or saw tooth hanger attached in order to be properly displayed. Points will be deducted on exhibits that are not properly displayed.
6. For each visual art, complete the Visual Arts Exhibitor form found on the Douglas County Extension Service Website (<http://douglas.ksu.edu>) look under 4-H tab for Exhibitor Forms. When entering the exhibit, each item must have an entry tag and a form.
7. 4-H'ers are encouraged, but not required, to sign up for consultation judging on one (1) entry. All exhibits in this division must be entered at this time.
8. No plants or plant materials needing watering can be entered as an art display or entered.
9. Designated exhibits will be selected to represent Douglas County at the State Fair. Each county may submit one entry from each of the five categories (Fine Arts, Clay and Ceramics, Leather, and Jewelry, Three-Dimensional, and General Crafts) for a total of five entries per county. If a county doesn't have an entry for one of the classes, they may submit a second entry in one of the other classes to meet the quota of five entries per county. State Fair exhibits are for display only and are not judged. 4-H'ers must be 9 years old and older to exhibit at the State Fair.

### 7–8-year-old 4-H'ers

1201: Lv I Any Visual Arts

1202: Lv I Any Craft NOT from a Kit

1203: Lv I Any Craft from a Kit

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### 9–11-year-old 4-H'ers

1204: Lv II Any Visual Arts

1205: Lv II Any Craft NOT from a Kit

1206: Lv II Any Craft from a Kit

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## **12–14-year-old 4-H'ers**

**1207: Lv III Any Visual Arts**

**1208: Lv III Any Craft NOT from a Kit**

**1209: Lv III Any Craft from a Kit**

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## **15–18-year-old 4-H'ers**

**1210: Lv IV Any Visual Arts**

**1211: Lv IV Any Craft NOT from a Kit**

**1212: Lv IV Any Craft from a Kit**

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Ribbon Awards:

Champion, Reserve Champion, Purple, Blue, Red, and White

Grand Champion, Reserve Grand Champion

### **DUCT TAPE CONTEST**

1. Read general rules. Pre-enter by June 30. Exhibitor need **not** be enrolled in Visual Arts.

2. Items may be made with any color duct tape.

3. Items must be created using 90% duct tape.

4. For each exhibit, complete the Visual Arts Exhibitor form found on the Douglas County Extension Service Website (<http://douglas.ksu.edu>) look under 4-H tab for Exhibitor Forms. When entering the exhibit, each item must have an entry tag and a form.

5. 4-H'ers are encouraged, but not required, to sign up for consultation judging on one (1) entry. All exhibits in this division must be entered at this time.

Judging Criteria: 40% Workmanship – 30% Creativity – 20% Appearance – 10% Difficulty

### **All ages:**

**1213: Hat**

**1214: Purse-Wallet**

**1215: Clothing**

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Ribbon Awards:

Champion, Reserve Champion, Purple, Blue, Red, and White

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## **WOODWORKING 4-H**

Department 320

Superintendent: *Bill Wood*

The Wood Science project allows youth to exhibit a wide variety of items they made working with wood, using tools. Learn to create and read plans to build projects for the farm, shop, household or other areas.

### **Rules**

1. Read General Rules. Pre-enter by June 30.

2. Consultation judging is encouraged, but not required in this division. Refer to main schedule for entry date and times.

3. THE PLAN FROM WHICH IT WAS CONSTRUCTED MUST BE WITH THE ARTICLE EXHIBITED. The plan may be a photocopy, the actual pattern, or a scale drawing. It must be complete and accurate to the extent that a duplicate article could be built using the plan as a guide. Please note: a set of step-by-step instructions is not a plan. If you draw your own plan, a scale of 1/4 inch equals one inch is suggested. Projects with missing or insufficient plans will be lowered one ribbon placing (i.e., a blue-ribbon exhibit will receive a red ribbon.)

4. Plans and all other paperwork should be secured to the project in some manner. Tape is usually not adequate to accomplish this. It is recommended to use a zip top plastic bag with a hole punched through it and using string to tie this to the exhibit.

5. Label each article showing intended use, age, and years in woodwork.

6. Projects made from pre-cut kits are not allowed.

7. In judging woodwork articles, consideration will be given to; workmanship, including accuracy to the plan:

- Design; Choice of wood; Suitability and quality of finish; and Usefulness.
8. Firearms and weapons will not be entered or displayed.

### **Level I 7–8-year-olds**

**3201: Article for farm or shop use**

**3202: Lawn furniture or household furniture**

**3203: Other woodwork.** Articles not included in the above classes. (Examples bird houses, bird feeders, household equipment such as knife racks, bread boards, door stops, etc.)

**3204: Piece of repaired or refinished furniture.** Include brief explanation of work completed attached to exhibit. (This class is open to those who have met the requirements of either woodwork or home environment projects.) Not a State Fair Class.

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### **Level II 9–11-year-olds**

**3205: Article for farm or shop use**

**3206: Lawn furniture or household furniture**

**3207: Other woodwork.** Articles not included in the above classes. (Examples bird houses, bird feeders, household equipment such as knife racks, bread boards, door stops, etc.)

**3208: Piece of repaired or refinished furniture.** Include brief explanation of work completed attached to exhibit. (This class is open to those who have met the requirement of either woodwork or home environment projects.) Not a State Fair Class.

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### **Level III 12–14-year-olds**

**3209: Article for farm or shop use**

**3210: Lawn furniture or household furniture**

**3211: Other woodwork.** Articles not included in the above classes. (Examples bird houses, bird feeders, household equipment such as knife racks, bread boards, door stops, etc.)

**3212: Piece of repaired or refinished furniture.** Include brief explanation of work completed attached to exhibit. (This class is open to those who have met the requirements of either woodwork or home environment projects.) Not a State Fair Class.

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### **Level IV 15–18-year-olds**

**3213: Article for farm or shop use**

**3214: Lawn furniture or household furniture**

**3215: Other woodwork.** Articles not included in the above classes. (Examples bird houses, bird feeders, household equipment such as knife racks, bread boards, door stops, etc.)

**3216: Piece of repaired or refinished furniture.** Include brief explanation of work completed attached to exhibit. (This class is open to those who have met the requirements of either woodwork or home environment projects.) Not a State Fair Class.

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Ribbon Awards:

Champion, Reserve Champion, Purple, Blue, Red, and White

Grand Champion, Reserve Grand Champion

# 4-H/FFA CONTESTS

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## CONSUMER JUDGING CONTEST

Superintendent: *Brenna Wulfkuhle*

### Special Rules

1. Walk-in Contest, 12:00 – 2:00 p.m., Wednesday, in Dreher Building
  2. Top four scorers who are 14, but not yet 19, before January 1 of the current year will qualify for the Senior 4-H Family and Consumer Sciences Judging Contest at the Kansas State Fair.
  3. Top four scorers who are 9-13 years of age before January 1 of the current year will qualify for the 4-H Family and Consumer Sciences Judging Contest at the Kansas State Fair.
  4. Age requirement as of 1/1 of the current year.
    - Level IV, 15-18 years old
    - Level III, 12-14 years old
    - Level II, 9-11 years old
    - Level I, 7-8 years old
- 

## DAIRY GOAT MILKING CONTEST

Superintendents: *Richard & Kelly Williams*

### Special Rules

1. All entrants must sign up with Superintendent at the time of Goat entries Monday.
2. Goats must be shown in the regular show.
3. One goat per exhibitor limit.
4. Milking order to be determined by random draw.
5. Thursday milk-out will begin at 8:00 a.m. in order drawn.
6. Thursday milk-out (contest) begins at 8:00 p.m. in order drawn.
7. All milk to be judged by weight only.

### 412: Milking Contest

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## HORTICULTURE JUDGING CONTEST 4-H/FFA

### Special Rules

1. Walk-in contest from 12:00 p.m. – 2:00 p.m., Wednesday in the Meeting Hall.
2. Age requirement as of 1/1 of the current year.
  - Level IV, 15-18 years old
  - Level III, 12-14 years old
  - Level II, 9-11 years old
  - Level I, 7-8 years old
3. Top four scorers who are 14-18 years of age before January 1 of the current year will qualify for the Senior Team Horticulture Judging Contest in Manhattan in August.
4. Top four scorers who are 9-13 years of age before January 1 of the current year will qualify for the Intermediate Team Horticulture Judging Contest in Manhattan in August.
5. Contest will consist of plant ID and judging.

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## LIVESTOCK SKILL-A-THON 4-H/FFA

### Special Rules

1. Walk-in contest from noon to 1 pm, Thursday, in the north room at the Dreher Building.
  2. Age requirement as of Jan. 1 of the current year:
    - Level IV, 15-18 years old
    - Level III, 12-14 years old
    - Level II, 9-11 years old
    - Level I, 7-8 years old
  3. The contest is open to all youth. Livestock project enrollment is not required.
  4. The contest will consist of a variety of stations with a series of questions. The following are example topics for stations: livestock care, nutrition, selection, equipment ID and veterinary care.
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## LIVESTOCK JUDGING CONTEST 4-H/FFA

### Special Rules

1. Contest held 2:00 p.m., Thursday.
  2. Classes will be selected by a committee and livestock judge.
  3. Classes of beef, sheep, and swine will be judged.
  4. Oral reasons will be given.
  5. Age requirement as of 1/1 of current year.
    - Level IV, 15-18 years old
    - Level III, 12-14 years old
    - Level II, 9-11 years old
    - Level I, 7-8 years old
- 

## POULTRY SKILL-A-THON 4-H/FFA

### Special Rules

1. Walk-in contest during Poultry Show on Tuesday.
2. Age requirement as Jan. 1 of the current year:
  - Level IV, 15-18 years old
  - Level III, 12-14 years old
  - Level II, 9-11 years old
  - Level I, 7-8 years old
3. The contest is open to all youth. Poultry project enrollment is not required.
4. The contest will consist of a variety of stations with a series of questions. The following are example topics for stations: bird parts, egg parts, breed identification, quality assurance and feed and nutrition.

**Contests are open to the public. Awards are only presented to the top entry who meets the 4-H requirements of Douglas County**

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# PHOTOGRAPHY JUDGING CONTEST 4-H

## Special Rules

1. Walk-in Contest from 12:00 p.m. – 2:00 p.m., Wednesday in the Flory Meeting Hall.
  2. Age requirement as of 1/1 of current year.
  4. The contest will consist of photographs to judge and a problems class.
  5. Color and black and white enlargements from current 4-H Photography exhibit may be used.
  6. Top four scorers who are 14-18 years of age before January 1 of the current year will qualify for the 4-H Photography Judging Contest at the Kansas State Fair.
  7. Age requirement as of 1/1 of the current year.
    - Level IV, 15-18 years old
    - Level III, 12-14 years old
    - Level II, 9-11 years old
    - Level I, 7-8 years old
- 

# READING CONTEST 4-H

Superintendent: *Paula Aiken*

## Special Rules

1. Walk-in contest from 12:00 – 2:00 p.m., Wednesday in the Dreher Building
  2. Age requirement as of 1/1 of the current year.
  3. Local level contest only, no state advancement. Top scores in each category will earn an award.
  4. There will be twenty-five (25) questions on the test from the book for each level
  5. Reading questions for each level will be from the following books:
    - a. Junior 7–9-year-olds: *The Magnificent Makers How to Test a Friendship* by Theanne Griffith
    - b. Intermediate 10–13-year-olds: *Flunked* by Jen Calonita
    - c. Senior 14 – 19-year-olds: *Airman* by Eoin Colfer
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# LARGE ANIMAL ROUND-ROBIN CONTEST 4-H/FFA

Grand Champion Showmanship  
9:00 a.m., Saturday

## Special Rules

1. See General Rules.
2. The top showmen in each age division of the beef, meat goat, sheep and swine departments compete against each other for overall Grand Championship Awards.
3. If the top showmen in a division are unable to compete in the Round Robin, then the next best showmen in that division will be eligible to compete. Round Robin participants will draw to determine the animal they will show for each species. Exhibitors will be allowed to show their animal that they qualified with.
4. Participants must use the same animal in the Round Robin as used in their showmanship division. Exceptions must be cleared through the Round Robin superintendents.
5. All showmen in an age level will show together.
  - Showmanship, Level IV, (15-18 yr. olds)
  - Showmanship, Level III, (12-14 yr. olds)

## SMALL ANIMAL ROUND-ROBIN CONTEST 4-H/FFA

Grand Champion Showmanship  
Thursday following Llama/Alpaca Show  
Superintendents: *Robyn Kelso and Janine Leslie*

### Special Rules

1. Read the General Rules.
2. The contest will be held immediately following the conclusion of the llama show on Thursday and will be held in the show ring. Proper dress of the exhibitor will be the same as is required for the species in which they were selected.
3. The top showmen in each age division of the poultry and rabbit departments compete against each other for overall Grand Championship Awards.
4. Showmanship winners must contact their species superintendent at the conclusion of the show and indicate whether they plan to participate in the small animal round robin.
5. If the top showmen in a division are unable to compete in the Round Robin, then the next best showmen in that division will be eligible to compete. Round Robin participants will draw to determine the animal they will show for each species. Exhibitors will be allowed to show their animal that they qualified with.
6. Participants must use the same animal in the Round Robin as used in their showmanship division. Exceptions must be cleared through the Round Robin superintendents. Participants will rotate between the species and be given a max time of 10 minutes per species.
7. Rubrics used on show day for the species will be used for round robin show purposes.
8. Should biosecurity issues cause the cancellation of either show, the round robin show will also be canceled.
9. All showmen in an age level will show together:
  - a. Showmanship, Level IV, (15-18 yr. old)
  - b. Showmanship, Level III, (12-14 yr. old)
  - c. Showmanship, Level II, (9-11 yr. old)
  - d. Showmanship, Level I, (7-8 yr. old)

# OPEN CLASSES

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## BEEF Open Class

Department 330

Superintendents: *Mike Flory and Wendy Flory*

### Special Rules

1. Read General Rules. Pre-entries must be received by June 30.
2. Registration papers must accompany all registered class entries showing in Open Class entries with registration in the name of the owner. The exhibitor need not be the same as the owner.
3. All ages of one breed will show together with premiums paid on age groups. Large groups will be divided by age if warranted.
4. Purebred entries must be registered in owner's name and papers presented at check-in. For entries under 90 days of age, Dam and Sire registration information and sales receipt (if purchased) will suffice. Crossbred or unregistered females show in class 3304.
5. All bulls one (1) years of age and older must have nose ring and nose lead.
6. Get-of-Sire. Three animals either one or both sexes by one sire shown in above class (by one or two exhibitors).
7. Produce of Dam. Two animals, any age, either sex, from same dam.
8. Cattle must be in the stalls for public viewing when not showing or being prepared for showing until 8:00 p.m. each night. After 8:00 p.m. all beef and bucket calves may be taken to designated tie out areas. 4-H'ers are required to provide their own bedding for the tie out area.

### Bulls

**3301: Registered Bull**

**3302: Get-of-Sire**

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### Females: Breeding Beef

**3303: Registered Female**

**3304: Crossbred Female**

**3305: Get-of-Sire**

**3306: Produce of Dam**

**3307: Cow & Calf Pair**

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## CROPS Open Class

Department 390

Superintendent: *Jim Springer and Randy & Marcia Farley*

### Special Rules

1. Read General Rules.
2. The following classes should be entered in Building 21.
3. List name of variety on entry.
4. Must be current year's crop.
5. Everything best unless otherwise stated.

### One Gallon Sample -

**3901: Wheat**

**3902: Oats**

**3903: Barley**

**3904: Rye**

**3905: Brome seed**

**3906: Alfalfa seed**

**3907: Sweet Clover seed**

**3908: Red Clover seed**

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### 10 Ear Exhibit -

3909: Yellow Corn  
3910: White Corn  
3911: Sweet Corn (edible)  
3912: Yellow Popcorn  
3913: Yellow Corn single cross  
3914: White Corn single cross  
3915: Five stalks of Corn

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**10 Head Exhibit -**  
3916: Grain Sorghum  
3917: Forage Sorghum

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**Sunflowers**  
3918: Confectionery heads 3 heads  
3919: Confectionery seed in 1-gallon jar  
3920: Oil seed heads 3 heads  
3921: Oil seed in 1-gallon jar

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**4-Inch Sheaf -**  
3922: Oats  
3923: Barley  
3924: Wheat  
3925: Brome  
3926: Alfalfa  
3927: Hay  
3928: Red Clover  
3929: Soybeans bundle of 5 plants

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**10" flake or slice, 6" thick and tied in two directions -**  
3930: Alfalfa  
3931: Red Clover  
3932: Prairie  
3933: Brome  
3934: Best Collection of Legumes  
3935: Best Crop Display

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## **DAIRY Open Class**

Department 350  
Superintendents: *Sherri Bray*

### **Special Rules**

1. Read General Rules. Pre-entries must be received by June 30.
2. Registration papers must accompany all registered class entries showing in Open Class, with registration in the name of owner. The exhibitor need not be the same as the owner.
3. Each breed shown separately. All ages of each breed will show together. Large breed groups will be divided by age if warranted.

3501: Jr Calf  
3502: Intermediate Calf  
3503: Senior Calf  
3504: Summer Yearling  
3505: Jr Yearling  
3506: Winter Yearling  
3507: Sr Yearling

3508: 2-year-old  
3509: 3-year-old  
3510: 4-year-old  
3511: Aged Cow  
3512: Dry Cow  
3513: Best Three Females  
3514: Produce of Dam  
3515: Dam and Daughter

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## DAIRY GOATS Open Class

Department 360

Superintendent: *Richard & Kelly Williams*

### Special Rules

1. Read General Rules.
2. Pre-enter Dairy Goats by June 30.
3. Exhibitors may enter no more than two (2) dairy goats per class.
4. Enter the animals in the age class for which age the animal will be on the day of the show.
5. In all classes an exhibitor is the owner of the animal.
6. Exhibitors are requested to be neatly and appropriately attired (preferably in white) when showing their animals in the ring.
7. Crossbred does will be shown in the grade doe classes.
8. For sanitary reasons, all milk stands brought to the fair must be clean and checked in by the superintendent.
9. Horns are not allowed on breeding goat.
10. Classes will be broken into breed classes at show time.
11. At time of pre-entry, all exhibitors will pay a \$1 per animal non-refundable fee for a veterinary visual inspection. Inspection will take place after the animal(s) have been unloaded at the fairgrounds. Goats determined by exhibition staff to have lesions of ringworm, warts, or infested with mange will not be permitted to show.
13. All sexually intact goats (does and bucks) and wethers must be identified with a registered tattoo or an official USDA premise ID tag. Kids, under 8 weeks of age, accompanying their dams, are exempt from identification requirements.

3601: Doe under 1 year of age

3602: Doe over 1 year of age (fresh or in milk)

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## FINE ARTS Open Class

Department 400

Superintendents: *Paula Aiken and Michele Schneck*

### Special Rules

1. Read General Rules. Refer to main schedule for entry date and times
2. All articles must be made by exhibitor, who may enter one exhibit per class.
3. All articles which have received prizes in previous years should not be entered.
4. All articles must be clean and free of soil.
5. All items should be properly blocked, framed, and backed where necessary.
6. Paintings and drawings must be framed and backed.
7. Barn Quilt – Special Rules:  
Must be 2' x 2' square. Display cannot be on point (diamond shaped).  
Must be on 3/8" or 1/2" thick exterior durable material.  
Must use a traditional quilt block pattern.

Exhibitor's name and name of quilt pattern used must be on back of entry.

Recommendations: Use MDO (medium density overlay) board. Prime board with two coats of primer. Use latex enamel paint.

8. Due to space issues and the growing number of entries, all photos must be 8X10 size ONLY.  
All photos must be matted with the mat size no larger than 11X14 (8X10 opening). NO FRAMES please.
9. Computer/digitally **enhanced** photos are acceptable for either Color or Black & White Categories.  
Enhanced photos are defined as having no more than minimal adjustments, such as exposure, color Correction, red-eye removal, or cropping, and changing a color photo black & white.
10. Computer/digitally **altered** photos shall be entered in the "Computer Manipulation" Category. Altered photos are defined as any photo that has had objects added or removed, any filter effects applied, or a combination of color and black & white in the same photo. Please include a 4x6 photo of the original photo for comparison.
11. Monochromatic photos, including Sepia tones, shall be entered in the Black & White Category.
12. Youth work must be 12 years or below. May also be in 4-H, but entry must not be part of project. Must be handmade from raw material. No Lego or other ready-made building kits.
13. Only an item which there is no class for can be entered in the "Any Other" classes.
14. All artwork, maximum overall dimensions with frame are 24" x 24"

## **FIBERWORK**

### **Crochet**

- 4001: Doily or needle craft**
  - 4002: Baby Blanket**
  - 4003: Afghan or Bedspread**
  - 4004: Any other crochet item**
- 

### **Knitted**

- 4005: Sweater**
  - 4006: Afghan or Stole**
  - 4007: Any other knitted item**
- 

### **Hand-woven**

- 4008: Any hand-woven item**
  - 4009: Any handmade lace item**
- 

### **Other**

- 4010: Fabric Materials Rug**

## **NEEDLECRAFT**

- 4011: Embroidery Picture**
  - 4012: Any other embroidery item**
  - 4013: Needlepoint picture**
  - 4014: Any other needlepoint item**
  - 4015: Counted Cross Stitch item not picture**
  - 4016: Counted Cross Stitch Picture**
  - 4017: Other Original Design Needlecraft Item**
  - 4018: Any Other Needlecraft item**
- 

## **MISCELLANEOUS**

- 4019: Ceramics**
  - 4020: Pillows**
  - 4021: Woodcraft**
  - 4022: Hand-woven Basket**
  - 4023: Toys**
  - 4024: Any other miscellaneous item**
- 

## **ARTWORK**

### **Painting**

- 4025: Watercolor Painting**
- 4026: Oil Painting**

4027: Acrylic Painting  
4028: Drawing or Sketch  
4029: Barn Quilt

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#### **Photography**

4030: Color - People  
4031: Color - Animals  
4032: Color - Flowers  
4033: Color - Landscape  
4034: Color -Any other item  
4035: Black & White - People  
4036: Black & White - Animals  
4037: Black & White - Landscape  
4038: Black & White - Any other item  
4039: Computer Manipulation

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#### **SEWING**

4040: Clothing any garment  
4041: Any other sewn item

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#### **YOUTH WORK - 12 years and below**

4042: Sewn item (not 4-H)  
4043: Drawing or Sketch  
4044: Arts and Crafts project (not 4-H)  
4045: Sculpture  
4046: Hand-woven Article or Garment  
4047: Painting

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## **FLOWERS Open Class**

Department 410

Superintendent: *Carol Anderson and Louise Wintermantel*

#### **Special Rules**

1. Read General Rules. Refer to main schedule for entry date and times.
2. All entries, other than flower arrangement classes, must have been grown by the exhibitor.
3. If necessary, classes may be subdivided by cultivar, type or color.
4. Pots must be accompanied with a waterproof dish and be no more than 10" in diameter.
5. Specimens may be wedged with clear plastic wrap.
6. Label with variety name if known.
7. Bottles will not be provided for specimens.
8. Use clear containers sized in proportion to the specimen.
9. Houseplants must have been in the possession and care of the exhibitor for three months prior to the show.
10. Flower arrangement -- exhibitor may enter not more than three classes.
11. Flower arrangements should be made from garden grown and/or natural materials.

#### **Annals**

4101: Marigolds - dwarf or miniature, 1 ½" or less, 3 stems  
4102: Marigolds - medium or large, medium, or large over 1 ½", 3 stems  
4103: Marigolds 12 yrs. of age and under, 1 ½"-3", 3 stems  
4104: Celosia crested cockscomb, 1 stem  
4105: Celosia plumed, 1 stem  
4106: Petunia single, 1 spray  
4107: Petunia ruffles or double, 1 spray

- 4108: Zinnia small or medium, under 4", 3 stems
  - 4109: Zinnia Large over 4", 1 stem
  - 4110: Zinnia 12 yrs. of age and under, any size, 3 stems
  - 4111: Coleus, 1 stem
  - 4112: Geranium, 1 stem
  - 4113: Cosmos 3 stems
  - 4114: Lantana 3 stems
  - 4115: Any other flowering annual 1 stem
  - 4116: Any other flowering annual, 12 yrs. of age & under, 1 stem
  - 4117: Planter of flowering annuals with container not to exceed 14" in length
  - 4118: Best Sunflower
  - 4119: Sunflower largest head (largest head)
- 

#### **Corms, Bulbs, Tubers, and Rhizomes**

- 4120: Caladium, 1 leaf
  - 4121: Canna, 1 bloom
  - 4122: Gladiola, 1 spike
  - 4123: Daylily, 1 stem
  - 4124: Dahlia, 1 bloom
  - 4125: Tuberous Begonia, 1 stem
  - 4126: Any other bulb-type flower, 1 stem
- 

#### **Roses**

- 4127: Miniature Rose, 1 spray
  - 4128: Hybrid Tea, 1 bloom
  - 4129: Any other rose, 1 spray or bloom
- 

#### **Perennials**

- 4130: Phlox, 1 stem
  - 4131: Hibiscus, 1 stem
  - 4132: Coneflower, 1 stem
  - 4133: Rudbeckia, 1 stem
  - 4134: Yarrow, 1 stem
  - 4135: Sedum, 1 stem
  - 4136: Coreopsis, 1 stem
  - 4137: Gaillardia, 1 stem
  - 4138: Hosta, 3 leaves 8" or less or 1 leaf more than 8"
  - 4139: Any other flowering perennial, 1 stem or spray
  - 4140: Any other flowering perennial, 12 yrs of age & under,
  - 4143: Any other houseplant in bloom
  - 4144: Fern
  - 4145: Vining plant
  - 4146: Non-vining plant
  - 4147: Planter not to exceed 14" in length containing 3 or more varieties requiring similar growing conditions
  - 4148: Cactus, 1 specimen
  - 4149: Any other succulent. 1 specimen
  - 4150: Planter of cactus and-or succulents not to exceed 14"
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#### **Ornamental Grasses**

- 4151: Grass grown for foliage, stem not to exceed 24" in length
  - 4152: Grass grown for seed head, stem of foliage and seed head not to exceed 24" in length
- 

#### **Flower Arrangement**

- 4153: Elfin Design-arrangement not to exceed 8" in any direction
- 4154: Country Blooms-any arrangement in country-style container



- 4155: Holiday Design, plant material and flowers arranged to communicate a holiday theme  
4156: Everlasting Blooms-using all dried materials  
4157: Nature's Bounty-incorporating any combination of flowers, fruit, foliage, and vegetables  
4158: Designer's Choice-any creative arrangement
- 

## FOODS Open Class

Department 420

Superintendents: *Ladina Miller and Candice Lucero*

### Special Rules

1. Read General Rules. Refer to the schedule of events for entry date and times.
2. Exhibitor may enter one exhibit per class. An exhibit is one item unless otherwise stated. fillings and frostings (include canned cream cheese frosting), flavored oils, "canned" bread or bread or cakes in a jar, or food requiring refrigeration will not be accepted. For information to help you make informed, safe food exhibit decisions, refer to K-State Research and Extension publication, 4-H 712, *Food Safety Recommendations for Acceptable Fair Exhibits*. Perishable items will not be accepted. Fruit and pecan pies are acceptable.
4. COPIES OF THE COMPLETE RECIPES WITH INGREDIENTS AND INSTRUCTIONS ARE REQUIRED FOR ALL OPEN CLASS FOODS EXHIBITS.
5. Place baked products on a disposable plate or cardboard cut to fit the product. Enclose in a ziplocked bag.
6. No duplicate samples shall be taken from the same baking or batch and be shown by different people as their respective products.
7. Classes requiring a recipe should have a copy of the recipe attached underneath the plate or cardboard.
8. Youth Division - Exhibitor 12 years of age or younger as of Jan. 1 of current year.
9. Must be the work of the exhibitor.
10. The fair officials reserve the right to hold any foods exhibits to be used in exhibition. All other foods exhibits will be sold in Building 21. A piece or part of these food exhibits will be kept for display. All proceeds will go to the Douglas County 4-H program

### 4202 King Arthur Flour Quick Bread – 1 standard sized (9"x5") loaf any variety

#### KING ARTHUR FLOUR BAKING CONTEST

1. Entries will be accepted at the same time as other 4-H Foods Class entries.
2. Entries will be a standard size (9"x5") loaf of quick bread – any variety.
3. Entries must be removed from pan and placed on a food-safe disposable surface.
4. Exhibitor must provide a legible recipe with entry, preferably typed.
5. Exhibitor must use King Arthur Flour in their quick bread entry.
6. Exhibitor must bring the opened bag of King Arthur Flour or submit a UPC label from the flour bag when he/she submits the entry.
7. Exhibitors shall not take from the same baking or batch and be shown by same and/or different people as their respective products.

#### FOOD PREPARATION

##### Yeast Bread and Rolls

4203: White 1 loaf

4204: Whole Wheat 1 loaf

4205: Variety (fruit, nut, or holiday) 1 loaf

4206: Miscellaneous (multigrain, rye, oatmeal French)1 loaf

4207: White Yeast Rolls 3

4208: Whole Wheat Yeast Rolls 3

4209: Sweet Yeast Rolls 3

4210: Yeast Coffeecake 1 cake

#### Specialty Baked Products

(i.e., bagels, baklava, brioches, unfilled cream puffs, crumpets, English muffins, popovers, scones)

**4211 One variety, any type - 3**

**Unleavened Baked Products**

(i.e., tortillas, pitas, crackers)

**4212 One variety, any type - 3**

**Quick Bread**

**4213: Biscuits, baking powder 3**

**4214: Muffins, any variety 3**

**4215: One Cornbread or 3 Corn Muffins**

**4216: Quick Bread any variety 1 loaf**

**4217: Coffee Cake 1 cake**

**4218: One Gingerbread**

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**Bread Produced in Bread Machine**

**4219: White Bread 1 loaf**

**4220: Whole Grain Bread loaf**

**4221: Fruit and-or Nut Bread 1 loaf**

**4222: Miscellaneous (herb, cheese, etc.) 1 loaf**

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**Cakes**

**4223: Angel Food 1 cake**

**4224: Sponge 1 cake**

**4225: Chiffon 1 cake**

**4226: Pound 1 cake**

**4227: Bundt 1 cake**

**4228: White Layer 1 cake**

**4229: Chocolate Layer 1 cake**

**4230: Yellow Layer 1 cake**

**4231: Any other variety 1 cake**

**4232: Party cupcakes any variety 3** (i.e., fun decorations, novelty shapes and sized and/or theme cupcakes)

**4233: Decorated-Novelty any variety 1 cake**

**4234: Cupcakes any variety 3**

**4235: Miscellaneous cake made from commercial cake mix-1 cake** (may add other ingredients, if desires: such as a chocolate-zucchini or coconut-pineapple cake)

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**Pies** - entered in disposable pie pan or donated regular bake ware pie plate

**4236: Apple 2 crust 1 pie**

**4237: Cherry 2 crust 1 pie**

**4238: Berry 2 crust 1 pie**

**4239: Peach 2 crust 1 pie**

**4240: Miscellaneous Fruit 1 or 2 crust 1 pie**

**4241: Pecan 1 crust 1 pie**

**4242: Pie crust 1 pie crust**

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**Cookies**

**4243: Peanut Butter 3**

**4244: Oatmeal 3**

**4245: Chocolate Chip 3**

**4246: Snickerdoodles 3**

**4247: Sugar 3**

**4248: Refrigerator 3**

**4249: Party 3**

**4250: Brownies 3**

**4251: Bar (other than brownies) 3**

**4252: Miscellaneous, other than listed above 3**

## 4253: No Bake, any variety 3

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### Candy

4254: One variety, any type - 3 pieces

### Sugar Substitute

4255: Any non-perishable food product made with at least 1/2 sugar substitute

(i.e., 1 loaf bread, 3 cookies, 3 muffins, 1 pie, 1 cake, etc.). A copy of the complete recipe with ingredients and instructions is required.

4256: Any non-perishable food product made Gluten Free

(i.e., 1 loaf bread, 3 cookies, 3 muffins, 1 pie, 1 cake, etc.) A copy of the complete recipe with ingredients and instructions are required. Attach the recipe to the entry.

## YOUTH DIVISION

4257: Brownies 3

4258: Oatmeal Cookies 3

4259: Chocolate Chip cookies 3

4260: Peanut Butter cookies 3

4261: Snickerdoodles 3

4262: Sugar Cookies 3

4263: No-bake cookies 3

4264: Bar (other than brownies) 3

4265: Miscellaneous, one variety not listed above 3

4266: Non-perishable snack

Any of the items below may be made from a commercial mix, if desired

4267: Cupcakes from commercial mix 3

4268: Cake 1 layer from commercial mix unfrosted

4269: Cake 1 layer from commercial mix frosted

4270: Coffee Cake 1

4271: Quick Bread, any variety 1 loaf

4272: Muffins using whole grain flour or cereal

4273: Muffins, any variety 3

4274: Yeast Bread 1 loaf any variety

4275: Yeast Rolls 3

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## FOOD PRESERVATION Open Class

Department 420

Superintendent: *Ladina Miller and Candice Lucero*

### Special Rules

1. Read General Rules.
2. Exhibitor may enter one exhibit per class. An exhibit is one item unless otherwise stated.
3. For information to help you make informed, safe food preservation exhibit decisions, refer to K-State Research and Extension publication, 4-H 712, *Food Safety Recommendations for Acceptable Fair Exhibits*.
4. No canned items will be sold at the Food Sale.
5. EACH EXHIBIT MUST HAVE THE COMPLETE RECIPE AND INSTRUCTIONS ATTACHED, OR IT WILL BE LOWERED ONE RIBBON PLACING. Recipe must include exhibitor name, recipe source, date of publication, and altitude of residence.
6. Recommended recipes and processing methods must be used. Recipes must be from 1995 – present. Processing methods that will be disqualified include open kettle, oven canning, and sun canning and using electric multi-cookers. For more information on electric multi-cookers, see [http://nchfp.uga.edu/publications/nchfp/factsheets/electric\\_cookers.html](http://nchfp.uga.edu/publications/nchfp/factsheets/electric_cookers.html). Homemade recipes or other untested recipes will be disqualified for safety reasons. Tested recipe resources include:
  - K-State Research and Extension Food Preservation publications

- Other University Extension Food Preservation publications
- USDA Complete Guide to Home Canning
- So Easy to Preserve, 6<sup>th</sup> Edition, The University of Georgia Cooperative Extension Service
- Ball Blue Book Guide to Preserving
- Canning mixes (i.e. Mrs. Wages, Ball)
- Pectin manufactures (i.e. SureJell, Ball)
- <http://www.rrc.k-state.edu/preservation/recipes.html>

Refer to following K-state Research and extension publications for more information:

- 4H712, Food Safety Recommendations for Food Preservation Exhibits
  - (<http://www.ksre.ksu.edu/bookstore/pubs/4H712.pdf>)
  - MF3170 "10 Tips for Safe Home-Canned Food"
  - (<http://www.ksre.ksu.edu/bookstore/pubs/MF3170.pdf>)
  - MF3171 "Sassy Safe Salsa at Home"
  - (<http://www.ksre.ksu.edu/booksstore/pubs/MF3171.pdf>)
  - MF 3172 "What's Your Elevation?"
  - (<http://www.ksre.ksu.edu/bookstore/pubs/MF3172.pdf>)
  - MF3241 "How to Guide to Water Bath Canning and Steam Canning"
  - (<http://www.bookstore.ksre.ksu.edu/pubs/MF3241.pdf>)
  - MF3242 "How to Guide to Pressure Canning"
  - (<http://www.bookstore.ksre.ksu.edu/pubs/MF3242.pdf>)
7. All dried products must include the recipe and preparation steps. If dried food product is not in a canning jar, it will be lowered one ribbon rating. Suggested amount: 1/3 – ½ cup, or three or four pieces per exhibit All meat jerky must be heated to an internal temperature of 160 degrees F before or after drying. This is not the drying temperature! Dried products must include the recipe, preparation steps and heating instructions. Jerky not heated to 160 degrees F will be disqualified and not be judged. Heating information can be found in "Dry Meat Safely at Home" [www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf](http://www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf)
  8. All canning must be done after last year's fair and must be sealed in clear, clear glass standard glass (sweet spreads) 1/4-pint, 1/2 pint, or pint jars and (canned food) pint or quart jars with flats and screw bands in place. Paraffin exhibits will not be accepted. **No colored glass canning jars will be accepted.**
  9. Containers will not be opened by the judge.
  10. Dried Foods to be in small jars, clear plastic bags, or other "see-through" containers. Suggested amounts: 1/3-1/2 cup or 3-4 pieces. All meat jerkies must be cooked to 160 degrees F before drying.
  11. Liquid Honey must be exhibited in 3-pint standard canning or queenline honey jars. They will be judged on moisture content, clarity, flavor, aroma, and neatness in packaging.
  12. Comb Honey must be exhibited wrapped in Styrofoam cartons consisting of approximately 1 lb. sections. They will be judged on neatness, completion of comb and color. Wood Section or Round must be displayed in regular wood frames in proper box or displayed in rounds enclosed in clear plastic cylinders. They will be judged on neatness, completion of comb, cooking, etc.

### Sweet Spreads – Jellies

Entries in the sweet spread category must be prepared using Ball® Pectins: Classic, Low or No Sugar Needed or Liquid. Proof of pectin purchase in the form of a receipt or product UPC must be submitted with entry.

- 42101: Apple
- 42102: Crabapple
- 42103: Grape
- 42104: Plum
- 42105: Berry
- 42106: Miscellaneous

### Sweet Spreads - Preserves and Marmalade

Entries in the sweet spread category must be prepared using Ball® Pectins: Classic, Low or No Sugar Needed or Liquid. Proof of pectin purchase in the form of a receipt or product UPC must be submitted with entry.

- 42107: Cherry Preserves
- 42108: Pear Preserves
- 42109: Peach Preserves
- 42110: Tomato Preserves
- 42111: Strawberry Preserves
- 42112: Orange Marmalade
- 42113: Miscellaneous Preserves or Marmalade

## **42114: Miscellaneous Chutney**

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### **Sweet Spreads – Jams and Butters**

Entries in the sweet spread category must be prepared using Ball® Pectins: Classic, Low or No Sugar Needed or Liquid. Proof of pectin purchase in the form of a receipt or product UPC must be submitted with entry.

- 42115: Strawberry Jam
  - 42116: Blackberry Jam
  - 42117: Raspberry Jam
  - 42118: Apple Butter
  - 42119: Plum Butter
  - 42120: Peach Butter
  - 42121: Pear Butter
  - 42122: Miscellaneous Jam or Butter
- 

### **Fruit**

- 42123: Apples
  - 42124: Applesauce
  - 42125: Blackberries
  - 42126: Apricots
  - 42127: Cherries (pitted)
  - 42128: Peaches
  - 42129: Pears
  - 42130: Plums
  - 42131: Salsa - Fruit based
  - 42132: Any other fruit, not listed above
  - 42133: Any fruit juice
- 

### **Vegetables**

- 42134: Beans, string
  - 42135: Tomatoes
  - 42136: Tomato juice
  - 42137: Salsa - vegetable based
  - 42138: Any tomato-based sauce
  - 42139: Corn
  - 42140: Peas
  - 42141: Beets
  - 42142: Carrots
  - 42143: Any other vegetable not listed above
  - 42144: Mixed vegetables, combination of 2 or more
- 

### **Pickled Foods**

- 42145: Beet Pickle
  - 42146: Cucumber Pickle, Bread, and Butter
  - 42147: Cucumber Pickle, Sweet
  - 42148: Cucumber Pickle, Dill (whole, spear or chunk)
  - 42149: Cucumber Pickle Dill (hamburger slice)
  - 42150: Any Pickled Fruit
  - 42151: Any other pickled vegetable, not listed above
  - 42152: Any other cucumber pickle
  - 42153: Mixed Vegetable Pickle
  - 42154: Any Vegetable Relish
- 

### **Dried Food**

- 42155: Any dried fruit
- 42156: Any fruit leathers
- 42157: Any dried vegetable

42158: Any dried meat  
42159: Any dried herbs  
42160: Snack mix, must contain 1 home-dehydrated item

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#### **Honey**

42161: Liquid, light 3 jars  
42162: Liquid, dark 3 jars  
42163: Cut comb 1  
42164: Comb wood section or round 1

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#### **Vinegar**

42165: Flavored vinegar - bottled and capped/corked

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## **HORSE Open Class**

Department 370

Superintendent: *Shane, Tracie, and Cody Newell*

#### **Special Rules**

1. Read General Rules.
2. Starting time 9:00 a.m., Saturday.
3. Entry fee for out-of-county horses and personnel is \$3.00 per class. No entry fee for Douglas County residents.
4. All horses shown in open halter and performance classes must be registered with the show secretary by two classes prior to class shown.
5. Horse's age is determined from January 1 the year foaled.
6. Exercising and riding shall be performed in the practice area. No horses or trailers will be permitted south of the south end of the arena building.
7. Tack changes will be limited to a maximum of 5 minutes.
8. Lead in class, horse, or pony. Rider 6 years and under, Leader 14 years and over.
9. Classes #8, #11 & #12 are meant for novice exhibitors. Entry in these classes prohibits rider from entering any other performance class.
10. Stallions must be shown by handler 18 yrs and over.
11. Judge's decision is final. Current Kansas 4-H Horse Show Rule Book of regulations of general show rules will be applied.

#### **Halter**

3701: All breeds 2 yrs. under and  
3702: Mares & Stallions Stocktype 3 yrs. & older  
3703: Geldings Stocktype 3 yrs. & older  
3704: Non-Stocktype 3 yrs. & older  
3705: Color Horse  
3706: Pony Breeds

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#### **Champion Halter**

3707: Novice 17 yrs. and under  
3708: Jr Showmanship 17 yrs. and under  
3709: Sr Showmanship 18 yrs. and over

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#### **Performance Classes**

3710: Lead-Line Class  
3711: Walk-Trot Novice Rider  
3712: Walk-Trot Novice Horsemanship  
3713: English Pleasure rider 17 yrs. and under  
3714: English Pleasure rider 18 yrs. and older  
3715: English Equitation rider 17 yrs. and under  
3716: English Equitation rider 18 yrs. and older  
3717: Hunter Hack

3718: Stick Horse Class 6 yrs. and under  
3719: Trail rider 17 and under  
3720: Trail rider 18 yrs. and older  
3721: Extreme Trail  
3722: Jr Western Pleasure Horse 5 yrs. & under  
3723: Sr Western Pleasure Horse 6 yrs. & older  
3724: Western Pleasure Saddletype  
3725: Western Pleasure rider 17 yrs. and under  
3726: Western Pleasure rider 18 yrs. and older  
3727: Roy Rogers-Dale Evans Western Pleasure 40 yrs. & older  
3728: Western Horsemanship rider 17 yrs. and under  
3729: Western Horsemanship rider 18 yrs. and older  
3730: Ranch Riding rider 17 yrs. and under  
3731: Ranch Riding rider 18 yrs. and older

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**STICK HORSE RACE TO BEGIN AROUND 12 NOON  
RACING CLASSES NOT TO BEGIN BEFORE 1:00 P.M.**

3732: Egg Race  
3733: Musical Flags  
3734: Pole Bending 17 yrs. and under  
3735: Pole Bending 18 yrs. and older  
3736: Barrel Racing 17 yrs. and under  
3737: Barrel Racing 18 yrs. and older  
3738: Flag Racing 17 yrs. and under  
3739: Flag Racing 18 yrs. and over  
3740: Keyhole Race

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## **Horticulture Open Class**

Department 430

Superintendents: *Jim Springer and Randy & Marcia Farley*

### **Special Rules**

1. Read General Rules. Refer to main schedule of events for entry times.
2. List name of variety on entry.
3. Display on plain white paper plate. Exhibitor is responsible for providing their own plate.
4. Best Garden Display. Minimum of 5 different fresh vegetables in sufficient quantity to make a good exhibit.
5. The judge reserves the right to plug melons.

### **Largest Vegetable Classes**

43001: Largest Pumpkin (wt)  
43002: Largest Fall Squash (wt)  
43003: Largest Watermelon (wt)  
43004: Largest Muskmelon (wt)  
43005: Largest Summer Squash (wt)  
43006: Largest Squash Zucchini (wt)

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### **Vegetable Classes**

43007: Best Garden Display  
43008: Beets, 5  
43009: Beans, lima (shelled), half pint  
43010: Beans, navy (shelled), half pint  
43011: Beans, snap green, 12  
43012: Beans, snap yellow, 12  
43013: Cabbage, 1

43014: Cantaloupe, 1  
43015: Carrots, 5  
43016: Cucumber, pickle, 5  
43017: Cucumber, slicer, 5  
43018: Eggplant, 1  
43019: Garlic, 5  
43020: Kohlrabi, 1  
43021: Muskmelons, 1  
43022: Okra, 5  
43023: Onions, red, 5  
43024: Onions, white, 5  
43025: Onions, yellow, 5  
43026: Parsnips, 5  
43027: Peppers, bell, 5  
43028: Peppers, jalapenos, 5  
43029: Peppers, other hot, 5  
43030: Peppers, other varieties, 5  
43031: Potatoes, red, 5  
43032: Potatoes, white or Russet, 5  
43033: Potatoes, sweet, 5  
43034: Pumpkin, field, large, 1  
43035: Pumpkin, ornamental, 5  
43036: Pumpkin, small sweet, less than 10 lbs, 1  
43038: Squash, fall and winter, 1  
43039: Squash, summer, 1  
43040: Squash, zucchini, 1  
43041: Tomatoes, cherry, 5  
43042: Tomatoes, orange, 5  
43043: Tomatoes, pink, 5  
43044: Tomatoes, red, 5  
43045: Tomatoes, Roma, or grape, 5  
43046: Tomatoes, yellow, 5  
43047: Tomatoes, Heirloom, 5  
43048: Tomatoes, other, 5  
43049: Watermelon, ice box under 10 lbs, 1  
43050: Watermelon, regular variety, 1  
43051: Other vegetables not listed above

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**Herbs – exhibits may be displayed in water**

43052: Scented geranium, 1 stem  
43053: Herb grown for culinary purpose, 1 cut specimen,  
43054: Any other herb, 1 cut specimen

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**Ornamental**

43055: Gourds, small, 5  
43056: Gourds, large, 1

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**Fruit Classes**

43057: Apples, Grimes Golden, 5  
43058: Apples, Jonathan, 5  
43059: Apples, Red Delicious, 5  
43060: Apples, Winesap, 5  
43061: Apples, Yellow Delicious, 5  
43062: Apples, York Imperial, 5  
43063: Apples, other varieties, 5  
43064: Pears, Bartlett, 5  
43065: Pears, Douglas, 5



43066: Pears, Duchess, 5  
43067: Pears, Garber, 5  
43068: Pears, Kieffer, 5  
43069: Pears, Seckel, 5  
43070: Pears, other varieties, 5  
43071: Peaches, white, 5  
43072: Peaches, yellow, 5  
43073: Grapes, blue, bunch, 5  
43074: Grapes, red, bunch, 1  
43075: Grapes, white, bunch, 1  
43076: Grapes, other varieties, 1  
43077: Plums, brambles, 10  
43078: Plums, red, 10  
43079: Plums, other varieties, 10  
43080: Blackberries, 12  
43081: Blueberries, 12  
43082: Raspberries, 12  
43083: Other Fruit not listed above

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## QUILTS Open Class

Department 440

Superintendent: *Sharon Vesecky*

### Special Rules

1. Read General Rules.
2. All articles must be made by exhibitor(s) within the last five years.
3. Beginning quilters must have been quilting for 2 years or less.
4. Exhibitor may enter one exhibit per class.
5. It is suggested that quilts have three-inch-wide fabric sleeves or loops sewn or pinned behind the top edge to accommodate hanging for display.
6. All articles which have received prizes in previous years shall not be entered.
7. Youth work classes for those 18 years of age and under.
8. Each class will be split into either professional or amateur exhibitor quilt. Each class will be judged separately between professional and amateur. Exhibitor will classify themselves at check-in.

**Professional quilter:** is one who owns or works in a business that makes quilts for customers, sells quilting supplies, teaches quilting, or performs quilting services for customers. Professional quilters include individuals who compete in juried quilt shows or contests and have received awards valued over \$100.00 in those shows.

**Amateur quilter:** quilts as a pastime or hobby, may make quilts for gifts for family and friends. Amateur quilters may be reimbursed for materials but do not charge for labor.

### Throw, Lap or Crib 45" x 36" or less than 90" x 72"

- 44001: Hand Quilted  
44002: Machine Quilted  
44003: Pieced  
44004: Appliqued - hand  
44005: Appliqued - machine  
44006: Embroidered  
44007: Top made by one person, quilted by another person  
44008: Original Design, pattern is original by entrant  
44009: Combined Techniques, at least 5 techniques (i.e. piecing, applique, quilting, embroidery, embellishments, etc.)  
44010: Any quilted item by beginning quilter  
44011: Any quilted item by person over 70 yrs. of age  
44012: T-Shirt Quilt- majority of blocks made from t-shirts  
44013: Quilts made by more than 1 person

44014: Any tied item  
44015: Any Patchwork or quilted item  
44016: Youth Work Any quilted item  
44017: Youth Work Hand Quilted  
44018: Youth Work Machine Quilted

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**Bed Quilt (twin size or larger) 90" x 72" and over**

44019: Hand Quilted  
44020: Machine Quilted  
44021: Pieced  
44022: Appliqued - hand  
44023: Appliqued - machine  
44024: Embroidered  
44025: Top made by one person, quilted by another person  
44026: Original Design-pattern is original by the entrant  
44027: Combined Techniques-at least 5 techniques (i.e., piecing, applique, quilting, embroidery, embellishments, etc.)  
44028: Any quilted item by beginning quilter  
44029: Any quilted item by person over 70 yrs of age  
44030: T-Shirt Quilt-majority of blocks made from t-shirts  
44031: Quilts made by more than 1 person  
44032: Any tied item  
44033: Any Patchwork or quilted item  
44034: Youth Work Any quilted item  
44035: Youth Work Hand Quilted  
44036: Youth Work Machine Quilted

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**SMALL Wall Hangings, Table Runners, Miniatures (not intended for the bed) and Pillows (Any quilted item 144 outside inches or smaller)**

44037: Hand Quilted  
44038: Machine Quilted  
44039: Pieced  
44040: Appliqued - hand  
44041: Appliqued - machine  
44042: Embroidered  
44043: Top made by 1 person, quilted by another person  
44044: Original Design-pattern is original by entrant  
44045: Combined Techniques-at least 5 techniques (i.e. piecing, applique, quilting, embroidery, embellishments, etc.)  
44046: Any quilted item made by a beginning quilter  
44047: Any quilted item by a person over 70 yrs. of age  
44048: T-Shirt Quilt-majority of blocks made from t-shirts  
44049: Quilts made by more than 1 person  
44050: Any Tied Quilt  
44051: Any Patchwork or quilted item  
44052: Youth Work Any quilted item  
44053: Youth Work hand quilted  
44054: Youth Work machine quilted

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**LARGE Wall Hangings, Table Runners, Miniatures and Pillows (Any quilted item over 144" outside inches)**

44055: Hand Quilted  
44056: Machine Quilted  
44057: Pieced  
44058: Appliqued - hand  
44059: Appliqued - machine

44060: Embroidered  
44061: Top made by 1 person, quilted by another person  
44062: Original Design-pattern is original by the entrant  
44063: Combined Techniques-at least 5 techniques (i.e., piecing, applique, quilting, embroidery, embellishments, etc.)  
44064: Any quilted item made by a beginning quilter  
44065: Any quilted item by a person over 70 yrs. of age  
44066: T-Shirt Quilt-majority of blocks made from t-shirts  
44067: Quilts made by more than 1 person  
44068: Any Tied Quilt  
44069: Any Patchwork or quilted item  
44070: Youth Work Any quilted item  
44071: Youth Work hand quilted  
44072: Youth Work machine quilted  
44073: Clothing and Accessories

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## **SHEEP Open Class**

Department 380

Superintendents: *George Hunsinger, John Berg, and Holly Vesecky*

### **Special Rules**

1. Read General Rules. Pre-enter by June 30.
2. No exhibitor may show more than two animals per age group.
3. Lambs must be born after Jan. 1 of current year.
4. Registration papers must accompany all registered class entries showing in the Open Class, with registration in the name of the owner. The exhibitor need not be the same as the owner.
5. Breeds do not compete against each other.
6. Breeds will be shown alphabetically.
7. All ages of one breed will show together with premiums paid on age groups. Large groups will be divided by age if warranted.
8. See Special 4-H Sheep Health Requirements.
9. All sexually intact sheep (ewes and rams) must be identified with an official USDA premise ID tag.

### **Ewe Classes**

3801: Purebred Breeding Ewe Lamb  
3802: Purebred Breeding Ewe  
3803: Crossbred Breeding Ewe Lamb  
3804: Crossbred Breeding Ewe

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### **Ram Classes**

3805: Purebred Breeding Ram Lamb  
3806: Purebred Breeding Ram  
3807: Commercial Ram Lamb  
3808: Commercial Ram

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## **S.T.E.M Open Class**

Department 1460

Superintendents: *Brandon Falley*

### **Special Rules**

1. Read General Rules
2. Exhibitor may enter 1 exhibit per class.
3. Building creations (LEGO®, K'NEX®, tooth picks, etc.) should be no larger than 24"(L) x 24" (W) x 60"(H).
4. Group exhibits are allowed but will be judged in oldest participants age bracket and only one ribbon will be awarded.

### **Building Creations**

**146001: Juniors 9 years old and younger**

**146002: Intermediate 10-13 years old**

**146003: Senior 14-19 years old**

**146004: Adults 20 and older**

### **Robots/Rockets/Computer**

**146005: Juniors 9 years old and younger**

**146006: Intermediate 10-13 years old**

**146007: Senior 14-19 years old**

**146008: Adults 20 and older**

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## **SWINE OPEN CLASS**

Department 340

Superintendents: *Grant Metsker, Mark Brown, and Britten Coates*

### **Special Rules**

1. Read General Rules.
2. Pre-enter Swine entries by June 30.
3. No exhibitor may show more than two (2) head in each breeding class. Animals shown in market classes are not eligible for breeding classes and vice versa. This applies to both 4-H and Open Class entries. Animals are considered either breeding or market animals, not both.
4. Breeding Gilts will be shown by breed. Purebred Breeding Gilts must have original registration or transfer papers in the name of the exhibitor by June 15 of the current year.

### **Gilts**

**3401: Registered Jr Gilt**

**3402: Registered Sr Gilt**

**3403: Crossbred Jr Gilt**

**3404: Crossbred Sr Gilt**

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# OPEN CLASS CONTESTS

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## ADULT SHOWMANSHIP Open Class

Superintendents: Kristy Wempe Bellinger

1. Adult (18 and older, not currently enrolled in 4-H) only.
2. Animals currently housed on fairgrounds allowed to participate, not outside animals allowed.
3. Registration is Noon-1pm on Friday, August 3<sup>rd</sup> in the Open Pavilion.
4. Show will begin at 5pm on Friday, August 3<sup>rd</sup>.

### SHOWMANSHIP CLASSES

Large livestock only. One class per species. 5 entries minimum, 15 maximum (10 for Beef). Blow and go ONLY. No paint, adhesives, or powder allowed. Participants will be judged on skill and knowledge.

A: Goat

B: Sheep

C: Swine

D: Beef

E: Call 'Em Out- You may nominate a participant for \$5/person and participant can decline for \$10. All proceeds will be donated to the Douglas County 4-H Foundation.

### CREATIVE FITTING AND SHOWING

Costumes, paints, etc. are allowed, but must be done in a humane, non-permanent way. If an animal shows distress or pain due to fitting, the participant will be disqualified. Skits and music (family appropriate) are allowed. Skits are limited to 5 minutes each.

A: Single Small Animal Entry

B: Single Large Animal Entry

C: Small Animal Group Entry (5 or less participants)

D: Large Animal Group Entry (5 or more participants)

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## BALE THROWING CONTEST Open Class

Co-sponsored by Douglas County Farm Bureau

1. Contest 6:00 p.m., Friday, July 31 at the Blacktop Area. Registration begins at 5:30 p.m.
2. Classes will be divided by age groups for both men and women.
3. Prizes will be awarded.

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## BARNYARD OLYMPICS Open Class

Superintendents: *Kay Miller and Candice Lucero*

1. Contest 11:00 a.m. Saturday, July 30th, in the Community Building. Contest consists of different challenges completed by teams in the fastest time.
2. Open to 4-H'ers, FFA members, parents of 4-H/FFA members or past 4-H/FFA members.
3. Teams are made up of four individuals: a 4-H'er, an adult, a girl and someone under the age of ten (10). All members of the team must compete in each challenge.
4. A charge of \$1.00 per team member will be collected at check-in. Money collected will be divided among the winning teams.
5. You can compete on as many different teams as you like; there is no limit on the number of times you can compete. You cannot compete on the same team with the same people more than once.
6. The key is to complete the course challenges with the best time. More instructions on completing the course challenge will be announced before competition begins.

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## POSITIVE ENERGY COLORING CONTEST Open Class

Sponsored by FreeState Electric Cooperative, INC

1. Contest Tuesday July 30-Thursday August 1. Winners will be announced by Noon, Friday August 2nd.
  2. Coloring pages can be picked up & returned at Fair Board Office.
  3. Prizes will be awarded to the top three in each age division.
    - Ages 5 years old and Under
    - Ages 6-9 years old
    - Ages 10-12 years old
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## PRESIDENT'S PIE BAKING CONTEST Open Class

Superintendent: *Tara Pearson*

### Special Rules

1. Read General Rules.
  2. Entry forms available at the kitchen area of the Dreher Family 4-H Building.
  3. Contest Tuesday through Saturday. Enter pies at the Dreher Building, enter through the east doors, from 7:30-9:30 a.m. each day, Tuesday through Saturday.
  4. Open to all.
  5. Each contestant may enter as many pies on as many days as he/she desires.
  6. Only baked fruit and pecan pies will be accepted in non-disposable or disposable pie plates. For food safety purposes, any pie with custard and cream cheese type fillings or food requiring refrigeration will not be accepted. Non-disposable pie plates may be picked up at the Fair Board Office the following day.
  7. The Fair Board President will judge the pies daily. Pies will be judged on appearance, texture, tenderness, and flavor.
  8. The daily prize winners will be posted by noon each day.
  9. The daily champion with the highest number of points scored will be the overall champion.
  10. Following the judging each day, the pies will be donated to the 4-H Food Stand to slice and sell. All proceeds will go to the Douglas County 4-H Council.
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## PEDAL TRACTOR PULL Open Class

Co-sponsored by Douglas County Farm Bureau  
Superintendents: *Lauren Berg and Stacey Lister*

1. Registration starts at 9:30 a.m. - Contest 10:30 a.m., Saturday, August 3rd.
2. All contestants must be able to pedal the tractor without assistance.
3. All contestants must wear shoes.
4. The pulling tractor must stay between the lines of the "pulling lane" at all times. If the tractor leaves the pulling lane, the pull is over, and distance will be measured to that point.
5. No backing up or jerking the tractor will be allowed.
6. Keep your hands on the steering wheel, feet on the pedals and always stay seated.
7. Any time the forward momentum of the tractor stops, including foot slipping off the pedal, the pull is over.
8. Pedal tractors and sleds will be furnished.
9. There will be nine (9) classes going by age. Starting at 4 years of age and going through age 12. Contestant cannot be 13 by the first week in September to qualify for pulling at the Kansas State Fair.
10. Each class pulls on the same tractor with the same sled on the same track.
11. In case of a tie, there will be a pull-off to determine the winner.

12. Boys and girls will pull together.
  13. EACH CONTESTANT MUST HAVE A PARENT'S OR GUARDIAN'S SIGNATURE ON THE PERMISSION SLIP. NEITHER SPONSOR NOR SLED OPERATOR ARE RESPONSIBLE FOR ANY ACCIDENTS TO THE PARTICIPANT.
  14. Only registered children are qualified to participate.
  15. Each pull will be conducted as safe, fair, and equal as possible.
  16. Prizes will be awarded to each winner for 1st, 2nd, and 3rd places. 1st and 2nd place winners from each class are qualified for the State Fair Pull-Off at Hutchinson. Sponsors of this event will sanction pedal pull with the Kansas Pedal Pull Association and sled owner/operator will provide vouchers for registration of each 1st and 2nd place winners.
  17. The judge's decision will be final for all pulls.
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## TURTLE RACE Open Class

Superintendents: *Fair Board*

### Rules

1. Read General Rules
2. Registration will be at 8:30 a.m. Saturday, August 1. Contest at 9:00 a.m.
3. Contest open to youths of all ages.
4. All participants must supply their own turtle. **NO SNAPPING TURTLES ALLOWED.**
5. Contest will be divided into heats if necessary.
6. Participants must take turtles home with them when contest is completed.
7. A trophy will be awarded for the contest winner. All participants will receive a prize.

## Douglas County Fair 4-H Exhibitor Code of Conduct

The Douglas County Fair 4-H Exhibitor Code of Conduct is intended to foster a safe environment that encourages optimal learning and growth. The opportunity to participate in the Douglas County Fair is a privilege and not a right. All participants, parents/guardians and volunteers are expected to uphold the values of the Douglas County 4-H Youth Development Program and conduct themselves according to the following standards listed below. The following Douglas County Fair 4-H Exhibitor Code of Conduct is a condition of participation in the 4-H division of the Douglas County Fair. **When I participate in the Douglas County Fair, I agree to:**

1. Be present, attentive, and engaged in the 4-H activities. Practice good sportsmanship, be helpful to others, uphold ethical practices in 4-H projects and events, and never cheat or falsely represent efforts related to 4-H project activities.
2. Know and follow federal, state, and local laws that apply to minors (e.g., no use of alcohol, illicit (non-prescribed) drugs, and tobacco in any form) even when I am 18 or 19 years old and still a program participant.
3. Use language and actions that do not substantially interfere with others' participation in the program. (Swearing, harassment, and bullying are not allowed).
4. Direct criticism or interference with the judge, fair or show management or other exhibitors before, during or after a competitive event is prohibited. In furtherance of their official duty, all judges, volunteers, fair board members and Extension staff shall be treated with courtesy, cooperation, and respect. No person shall direct abusive or threatening conduct toward anyone.
5. Obey all rules and directives that apply to the county fair 4-H division where I am involved.
6. Apply these conduct standards to online 4-H activity, including social media and internet presence.

I acknowledge and agree to abide by the Douglas County Fair 4-H Exhibitor Code of Conduct. I agree to conduct myself in an honest, ethical, and upstanding manner. I understand disciplinary actions up to disqualification and forfeit of premiums will result if these rules are violated.

Parent/Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_

4-H Member Signature: \_\_\_\_\_ Date: \_\_\_\_\_