

2020 Douglas County Fair Book

Note to 4-H families and volunteers:

The Douglas County Fair Board and K-State Research and Extension Douglas County are working together to facilitate a fair experience for 4-H/FFA members according to Scenario B in the 2020 Douglas County Fair Plan. <https://tinyurl.com/2020dgbfairplan>.

As you make your fair entries and prepare for the county fair, be sure to refer to the fair quick reference guide at: <https://tinyurl.com/dgbfairquickrefguide> All changes to class entry limits and judging details are in the reference guide.

To enter for the fair visit: <https://faireentry.com/Fair/SignIn/3765> Entries close at 11:59 pm on June 30. A step by step 'how to' for making entries is available at www.douglas.ksu.edu.

Please keep in mind our 2020 fair is not open to the public. This is for the safety of our 4-H families, volunteers and staff. Each 4-H exhibitor will be allowed a limited number of guests. The first 4-H member in a family will be allowed four bracelets for the 4-H judging event. Keep in mind the 4-H'er will need a bracelet. 4-H families in multiple events will only be allotted one additional bracelet for the sibling 4-H member also showing/exhibiting in the same judging event. Here is an example: The Clover family has two 4-H members participating in clothing judging. The family will have five bracelets. Both 4-H'ers will need a bracelet. The family will then have three additional bracelets to share with the guest of their choice. Details for check-in and bracelet distribution will be available at a later date.

Questions? Feel free to reach out to Margaret Kalb at mkalb2@ksu.edu or Kaitlyn Peine at kpeine@ksu.edu. All livestock related questions can be directed to Mallory Meek at mgmeek@ksu.edu.

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. 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.
- **4-H/FFA members are encouraged to groom their own livestock. During the fair, only the immediate family or legal guardians, 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 must be taken to designated tie out areas unless special circumstances are approved by all beef superintendents. 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 in order 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.

ATTIRE:

- 4-H and FFA exhibitors will be required to purchase, and wear during the livestock shows, a 4-H t-shirt. These shirts will be purchased during the pre-entry process. Dairy, 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 competition.

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 for the link to on-line entries.

Any exhibitor wishing to receive special consideration by the judge due to special needs or challenges, has the option of doing so by placing a small sticker next to the class number. Questions regarding this rule should be addressed to Kaitlyn Peine, 4-H Agent.

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 maintenance shop. 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 secretary, Margaret Kalb at 785-843-7058, ext. 115 or checking the fair board website, www.dgcountyfair.com.

INTERNET:

- Additional information may be found on the Douglas County Fair website, 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. Stall assignments will be pre-assigned by the department superintendents.
- 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.
- The weigh-in times will be Tuesday as follows: 8:00 a.m. for market lambs and goats. Market hogs will start weighing at 10:00 a.m. Market steers and heifers will start weighing at 1:00 p.m. If 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 \$4 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 him or her 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 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.**

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).
- **Livestock exhibitors (in both the Community Building and Open Pavilion) are asked to volunteer to tear down the livestock pens/panels on Sunday following the release of the animals. Tear down will begin at 10:00 a.m.**

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., July 31. 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 steer and heifer shows will be no fit shows. “No fit” is defined as using no adhesive, glue, paint, or powder products.** 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 from 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, musculatory, 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 persons 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 or horses will not be ridden on blacktop or other exhibit areas.

BUCKET CALF 4-H

Department 10

Superintendent: Tammy Parris-Marsh

Special Rules

1. Read General Rules. No dogs allowed on the fairgrounds.
2. Pre-enter Bucket Calf 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 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 must be taken to designated tie out areas unless special circumstances are approved by all beef superintendents. 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.**

Health Requirements

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 yr olds)
- 02: Level II (9-10 yr olds)
- 03: Level I (7-8 yr olds)

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

BEEF 4-H/FFA

Department 20

Superintendents: Mike Lohmann Wendy Flory

Special Rules

1. Read General Rules. No dogs allowed on the fairgrounds.
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 Youth for Quality Care of Animals (YQCA) by June 15th of the current year to show.
4. The steer and heifer shows will be no fit shows. No fit is defined as using no adhesive, glue, paint or powder products.
5. Market Beef must have been weighed and identified at the official spring weigh-in in March, and this information recorded on official forms in the Douglas County Extension Office.
6. 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.
7. **Steers must be physical castrates.**
8. A maximum of three (3) market beef (market or feeder) will be allowed per exhibitor.
9. 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.
10. Champion and Reserve Champion market beef in each breed will compete for Grand Champion and Reserve Grand Champion.
11. A maximum of two (2) breeding females per age may be shown by exhibitor.
12. **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**
13. Breed champion will be selected before moving on to next breed.
14. 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.
15. 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.
16. **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 must be taken to designated tie out areas unless special circumstances are approved by all beef superintendents. 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.**

Health Requirements

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

Breeding Beef

- 201: Registered Breeding
- 202: Crossbred Breeding
- 203: Get of Sire
- 204: Produce of Dam
- 205: Cow & Calf Pair

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

Showmanship – 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. Bulls cannot be shown in showmanship classes. No premiums are paid in showmanship classes.

- 206: Level IV 15 yrs. & over
- 207: Level III 12 - 14 yr. olds
- 208: Level II 9 - 11 yr. olds
- 209: Level I 7 - 8 yr. olds

Ribbon awards: Champion, Reserve Champion, Blue, Red, and White

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 in order 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.

Market Steers and Market Heifers - 1000 lbs. and heavier

Classes according to breeds

- 210: Registered Steer
- 211: Crossbred Steer
- 212: Market Heifer

Ribbon awards: Champion, Reserve Champion, Blue, Red, and White
Overall Grand Champion, Overall Reserve Grand Champion

DAIRY 4-H/FFA

Department 30

Superintendents: Sherri Bray

Special Rules

1. Read General Rules. No dogs allowed on the fairgrounds.
2. Pre-enter Dairy 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 Youth for Quality Care of Animals (YQCA) by June 15th of the current year to show.
4. You must own or lease all 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 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.

Health Requirements

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

Showmanship - 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.

- 301: Level IV 15 yrs. & over
- 302: Level III 12 - 14 yr. olds
- 303: Level II 9 - 11 yr. olds
- 304: Level I 7 - 8 yr. olds

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

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

Superintendents: Richard & Kelly Williams
William Vesecky

Special Rules

1. Read General Rules. No dogs allowed on the fairgrounds.
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 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 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.

Health Requirements

11. 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.

Showmanship - 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.

- 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

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)

MEAT GOAT 4-H/FFA

Superintendents: Richard & Kelly Williams William Vesecky

Market Goat Special Rules

1. Read General Rules. No dogs allowed on the fairgrounds.
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 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.
6. Market goats must be less than one (1) year of age as of August 1 of current year.
7. 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.
8. Market goats must be weighed and identified in the spring at a date designated by the Extension Office.
9. 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.
10. 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.
11. All meat goats must have baby teeth in place with no visible signs of permanent teeth. The decision of the mouthier is final.
12. 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.
13. Goats are suggested to be dehorned. However, if horns are left they must be tipped and rounded.
14. Artificial coloring, paint or powder will not be permitted for use on meat goats during the entire show.
15. Physical abuse of any animal will not be tolerated and will be grounds for disqualification. Show superintendent has the right to interpret this rule.
16. **Health requirements:** Goats determined by exhibition staff to have lesions of ringworm, warts, or infested with mange will not be permitted to show.
17. All sexually intact goats (does and bucks) must be identified with a registered tattoo or an official USDA ID tag.

Showmanship - 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.

- 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

Meat Goat Female Show

- 425: Doe born after Sept 1
 - 426: Doe born before Sept 1
-

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 in order 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.

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

DOG 4-H

Department 50

Superintendent: John Berg Lauren Berg

Special 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. Exhibitor 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. Exhibitor must compete in Showmanship and/or Obedience class to participate in Costume Class.

Note: Complete rules for each class are available from the Extension office.

Health Requirements

15. 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 the day of 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 show.

Cloverbuds

16. 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

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

Obedience

- 506: Jr Sub Novice
- 507: Puppy-dog under 1 yr. of age
- 508: Sub Novice A
- 509: Sub-Novice B
- 510: Novice A
- 511: Novice B
- 512: Graduate Novice
- 513: Open A
- 514: Open B
- 515: Utility A
- 516: Utility B

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

HORSE/MULE 4-H/FFA

Department 60

Superintendents: Jeanne Nottingham

Bobbie Hinds

Special Rules

1. Read General Rules. No dogs allowed on the fairgrounds.
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 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. Pleasure Pair partners must be declared at check-in the day of the show. If entered in any Walk-Trot classes exhibitors may not enter any riding class other than the Pleasure Pairs, Egg & Spoon and Follow Me class.

4. All horses/ponies/mules 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. Exhibitor 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 May 1.
5. **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.
6. 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.
7. 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 www.kansas4-h.org/projects/animals/horse.html).
8. All contestants, family members and spectators are expected to display proper conduct and courtesy at all times. 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.**
9. 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 are barred from the show ring while the 4-H horses are being judged, except the judge, ring steward or authorized official.
10. 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.
11. Stock Type includes horses that are not eligible for any other breed class. Non-Stock Type shall include all breeds not included in other halter classes including American Saddlebred, American Show Horse, Morgan and Thoroughbred. Horses with appendix registry papers will show in that breed classification. No registered Quarter Horses allowed in the Stock Type class. Horses of mixed breeds should be classified by visible breed characteristics and predominant breed genetics. Arabian and Half-Arabian Halter will be for horses with the Arabian look.
12. An exhibitor may enter up to two horses/ponies/mules in a halter class; the second horse/mule must be shown by another exhibitor entered in the show. A horse/pony/mule may be shown in only one halter class. This excludes showmanship.
13. 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.
14. Maximum time for tack change - 5 minutes. Please keep the ring steward or gate help informed of tack changes.
15. 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 pony and western pleasure, but they may NOT enter the same animal in more than one pleasure class.

16. The Ranch Riding class pattern will be selected from the Kansas 4-H Horse Show Rule Book or may be developed utilizing the maneuvers required as outlined in the Kansas 4-H Horse Show Rule Book. Ranch Riding will be a pattern only class, rail work will not be performed.

17. 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 on to the next obstacle if not begun in 30 seconds and the exhibitor will be penalized accordingly.

18. 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 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.

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.

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 www.kansas4-h.org/projects/animals/horse.html) 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 IV 15-18 yr. old
- 602: Level III 12-14 yr. old
- 603: Level II 9-11 yr. old
- 604: Level I 7-8 yr. old
- 605: Horseless Horse 7-11 yr. old
- 606: Horseless Horse 12-18 yr. old

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

Halter - Conformation

- 607: Reg Quarter Horse-Mare
- 608: Reg Quarter Horse-Gelding
- 609: Stock Type-Mare
- 610: Stock Type-Gelding
- 611: Paint-Pinto Mare-Gelding
- 612: Appaloosa Aged Horse
- 613: Non-Stock Type Aged Horse
- 614: Arabian-Half-Arabian Mare-Gelding

- 615: Pony Breeds Mare-Gelding
- 616: Mules, Mare-Gelding

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

Judging Contest – 2 Halter Classes, No Reasons (BREAK)

Performance Classes

English

- 617: Hunt-Saddle Seat Pleasure Lv IV
 - 618: Hunt-Saddle Seat Pleasure Lv III
 - 619: Hunt-Saddle Seat Pleasure Lv II
 - 620: Hunt-Saddle Seat Pleasure Lv I
 - 621: Hunt-Saddle Seat Equitation Lv IV
 - 622: Hunt-Saddle Seat Equitation Lv III
 - 623: Hunt-Saddle Seat Equitation Lv II
 - 624: Hunt-Saddle Seat Equitation Lv I
-

(Break)

Western

- 625: Pleasure Pairs
 - 626: Horsemanship - Walk-Trot
 - 627: Horsemanship Lv IV
 - 628: Horsemanship Lv III
 - 629: Horsemanship Lv II
 - 630: Horsemanship Lv I
 - 631: Western Pleasure Pony Breeds
 - 632: Western Pleasure Walk-Trot
 - 633: Western Pleasure Lv IV
 - 634: Western Pleasure Lv III
 - 635: Western Pleasure Lv II
 - 636: Western Pleasure Lv I
 - 637: Ranch Riding Lv I & II
 - 638: Ranch Riding Lv III & IV
 - 639: Reining All Levels
 - 640: Trail Walk-Trot
 - 641: Trail Lv IV
 - 642: Trail Lv III
 - 643: Trail Lv II
 - 644: Trail Lv I
-

Timed Events

- 645: Egg & Spoon
- 646: Follow Me
- 647: Pole Bending Lv IV
- 648: Pole Bending Lv III
- 649: Pole Bending Lv II
- 650: Pole Bending Lv I
- 651: Barrel Racing Lv IV

- 652: Barrel Racing Lv III
- 653: Barrel Racing Lv II
- 654: Barrel Racing Lv I

Ribbon Awards: Purple, Blue, Red, and White

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.

LLAMAS 4-H/FFA

Department 115

Superintendent: Mike Kelso Robyn Kelso

Special Rules

1. Exhibitor must be enrolled in the Self-Determined project in order to exhibit Llamas.
2. Exhibitor must own and manage llamas for at least 90 days prior to the fair, or lease a llama, with the Leasing A Llama ID form on file at the Extension office by May 1.
3. Pre-enter Llama entries by June 30. No dogs allowed on the fairgrounds
4. Exhibitors may exhibit only one animal in each class.
5. 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.
6. Per ALSA guidelines, the Obstacle Course will include, at a minimum, a bridge or ramp, jump, flexibility and maneuvering, change of pace, and backing.
7. Showmanship is based on the exhibitor's basic skill in fitting, grooming, following directions, and style in presenting the animal to the judge.
8. Costume will judge on (a) difficulty in training animal to accept and exhibit costume, (b) time and energy involved, and (c) originality.

HEALTH REQUIREMENTS

9. 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.
 - 1151: Showmanship
 - 1152: Public Relations
 - 1153: Obstacle
 - 1154: Costume
 - 1155: Pack
-

PETS 4-H/FFA

Department 70

Superintendent: Becky Bentley

Special 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.

Health Requirements

15. 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.
16. 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
17. Ferrets: **No vaccinations required.**

Cloverbuds

18. 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.

Cats - must wear a collar and leash while on the fairgrounds

Indoor Cats –

- 01: Cloverbud - Cat
- 702: Indoor Cat Lv IV
- 703: Indoor Cat Lv III
- 704: Indoor Cat Lv II
- 705: Indoor Cat Lv I

Outdoor Cats -

- 706: Outdoor Cat Lv IV
- 707: Outdoor Cat Lv III
- 708: Outdoor Cat Lv II
- 709: Outdoor 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 –

- 710: Cloverbud Hand Pet
- 711: Hand Pet Lv IV
- 712: Hand Pet Lv III
- 713: Hand Pet Lv II
- 714: Hand Pet Lv I

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

Novelty

- 715: Best Enhanced Cage Environment
- 716: Best Decorated Cage
- 717: Most Unusual Pet

- 718: Most Colorful Pet

Ribbon Awards: Purple, Blue, Red, White

POULTRY 4-H/FFA

Department 80

Superintendent: Charlie Garzillo Russ Harding

Special Rules

1. Read General Rules. No dogs allowed on the fairgrounds.
2. Pre-enter Poultry 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 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 on the basis of exhibition and production qualities.
5. Poultry entered in the Dual Purpose Pullets Pen of 3 and the Meat Type 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 four (4) 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.**

Showmanship - 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.

- 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

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)

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

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

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.
-

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 in order 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.

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.

Meat-type Chicken -

Three (3) birds of the same sex to be judged on meat production qualities

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

The Dual Purpose Pullets Pen of 3 and the Meat-type Pen of 3 are eligible for the Champion and Reserve Champion Market Pen of 3 Poultry

Pigeons - PLEASE IDENTIFY BREED ON ENTRY FORM

Pigeons - Judge for best of overall breeds for champion pigeon.

- 821: Old Cock
- 822: Old Hen
- 823: Young Cock
- 824: Young Hen

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

RABBITS 4-H/FFA

Department 90

Superintendents: Mike Kelso Robyn Kelso

The rabbit show has been cancelled due to the outbreak of the hemorrhagic disease.

Showmanship and judging contests will still be held as follows:

Showmanship - 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. All showmanship classes will be done virtually. Information will be sent to those who have pre-entered these classes once entries close.

- 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

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

Judging test will be Thursday, July 30, from 1-2 pm in Building 21. Be sure to enter on FairEntry. 4-H'ers will reserve judging times on Sign Up Genius.

Rabbit Judging Contest - No Premium

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

SHEEP 4-H/FFA

Department 100

Superintendents: Kristy Wempe-Bellinger

Lacey Simonson John Berg

1. Read General Rules. No dogs allowed on the fairgrounds.
2. Pre-enter Sheep 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 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. Animals shown in market classes are not eligible for breeding classes and vice versa.
6. Lambs must be born on or after Jan. 1, of the current year.
7. 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.
8. Exhibitor must show their own animal in Showmanship.
9. Champion and Reserve Champion lambs in each breed will compete for Grand Champion and Reserve Grand Champion.
10. Champion and reserve ewes from each breed, other purebreds, and commercial or crossbred classes will show for Supreme and Reserve Supreme Breeding Ewe awards.
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. Market lambs must have been weighed and identified 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.
13. 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 show in the Commercial classes.

- 14 **Inspection will take place prior to the animals being unloaded at the fairgrounds.**
15. 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.

Breeding Sheep

- 1001: Ewe Lamb
- 1002: Ewe

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

Showmanship - 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 rams can be shown in showmanship classes. No premiums are paid in showmanship classes.

- 1003: Lv IV 15-18 yr old
- 1004: Lv III 12-14 yr old
- 1005: Lv II 9-11 yr old
- 1006: Lv I 7-8 yr old

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

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 in order 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.

Market Lambs - 90 lbs. and heavier

Classes according to breeds. Below is list of possible breeds. Must have 3 animals of same breed to make a class.

- 1007: Purebred Lambs
- 1008: Crossbred Market Lambs

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

Superintendents: Grant Metsker Allen Miller
Mark Brown

Special Rules

1. Read General Rules. No dogs allowed on the fairgrounds.
2. Pre-enter Swine 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 Youth for Quality Care of Animals (YQCA) by June 15th of the current year to show.
4. Each exhibitor limited to a maximum of three (3) Market Hogs.
5. 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.**
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 superintendents 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 gilts) - 220 lbs. minimum - shown by breed. Classes will be broken by weight if so warranted. Barrow market hogs must be physical castrates.
9. No dogs will be allowed in or near barns or judging arena.
10. Champion and Reserve Champion hogs in each breed will compete for Grand Champion and Reserve Grand Champion.
11. Market Hogs must be identified at the official spring identification days in May and this information be recorded on official forms in the Douglas County Extension Office.

Health Requirements

13. Inspection will take place after the animals have been unloaded at the fairgrounds.

Showmanship - 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.

- 1101: Lv IV 15-18 yr old
- 1102: Lv III 12-14 yr old
- 1103: 9-11 yr old
- 1104: 7-8 yr old

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

Breeding Gilts

- 1105: Registered Gilt
- 1106: Crossbred Gilt

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 in order 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.

Market Hogs (Barrows or Gilts) - 220 lbs. and heavier

Classes divided according to breeds.

- 1107: Registered Market Hog
- 1108: Crossbred Market Hog

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

ARTS AND CRAFTS - Visual 4-H

Department 120

Superintendents: Sarah Plinsky Mindy Dechant

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

Special 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 articles 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 Arts and Crafts 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.
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. State Fair exhibits are for display only and are not judged. The number will be based on a percentage of enrollments as determined by the State. The selections are a representation of the type of projects exhibited in Douglas County. 4-H'ers must be 9 years old and older to exhibit at the State Fair.

JUDGE'S CHOICE AWARDS: 4-H'ers who earn a Judge's Choice award have the opportunity to display their artwork in one of our public showcases. Showcases will be at the Douglas County Courthouse and the Extension office. Additional showcases may be available. Please note; only artwork that can be hung will be considered for the Judge's Choice Awards. Award winners will be noted by a sticker on the exhibit. 4-H'ers will pick up their award earning artwork at project pickup on Sunday morning.

4-H'ers will be notified about showcase dates and will be asked to return their artwork to the Extension Office for display. If a 4-H'er would like to opt out of the showcase, they should contact Kaitlyn Peine, 4-H Youth Development Agent, at 785-843-7058.

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

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

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

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

Ribbon Awards: Champion, Reserve Champion, Purple, Blue, Red, and White
Overall Grand Champion, Overall 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 Arts and Crafts 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.

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

- 1213: Hat
- 1214: Purse-Wallet
- 1215: Clothing

CONSTRUCTION ZONE

1. Read general rules. Pre-enter by June 30. Exhibitor need **not** be enrolled in Visual Arts.
2. 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 and Crafts. Consultation Judging is highly recommended for this class.
3. Exhibitor may not enter more than two (2) exhibits. One in each category.
4. 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.
5. If you build your project from a kit or use instructions, they must accompany the project.
6. If you modify a kit, please explain on a 3x5 note card how the plans were modified.
7. For each Arts and Crafts 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.

CLASSES

- 1216: Project from a Kit - all ages
- 1217: Project with Original Design - all ages

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

ARTS & CRAFTS – HERITAGE FIBER ARTS

Department 120

Superintendent: Pam Johnston

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

Special 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.

7-8-year-old 4-H'ers

- 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 future plans. 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
Overall Grand Champion, Overall Reserve Grand Champion

A WAY WITH WASTE 4-H

Department 130

Superintendent: Jamie Morgison

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

BANNERS 4-H/FFA/FCE

Department 140

Superintendent: Kay Miller Shelby Miller

Special 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.
9. Criteria sheet available at the Douglas County Extension Center.
10. A champion and reserve champion will be chosen. **NO STATE FAIR CLASS.**
 - 1401: Banner

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

CLOVERBUDS 4-H

Department 145

1. Cloverbud members may exhibit or showcase activity-related items from their Cloverbuds' experiences. Clover bud members may not participate as a competitive exhibitor and are not eligible to receive premiums or awards that are given in traditional 4-H events Cloverbuds will receive participation ribbons.
2. Two exhibit per member. Refer to main schedule for entry date and times.

145: Scrapbook, Craft Item, Poster or Non-livestock Project Display

CLOTHING CONSULTATION/FASHION REVUE 4-H

Department 150

Superintendents: Kalie Olsen Michelle Hirschmann
 Jennifer Blann Karen Flory

Special Rules

Read General Rules. Pre-enter by June 30.

CLOTHING CONSULTATION

1. ALL JUDGING FOR THIS DEPARTMENT WILL TAKE PLACE PRIOR TO THE FAIR. REFER TO 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 and Purchased Outfits, 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 Fashion Revue judging. (See the following **FASHION REVUE** below) **DETAILS WILL BE AVAILABLE IN A SPECIAL EMAIL CLOSER TO THE FAIR.**
3. A 4-H'er may enter 1 Constructed Article, Garment or Outfit exhibits, 1 Purchased Outfits, 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 Fashion Revue the majority of the outfit 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 the judging. A sweater, blouse or shirt that is worn underneath another constructed garment can be purchased or made.
Buymanship Outfits: The majority of the outfit 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. 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.). There are no State Fair classes for Buymanship Consultation.
Educational Exhibit: Share with others what you learned in this 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. Identification Labels (no straight pins may be used to attach these items)
 - a. Type or print on a 3 x 2 1/2 inch piece of cloth: Class Number, County, Name, 4-H Club.
 - b. Sew or safety pin labels on inside of garment (back of neck, center back of waistband, or left bottom corner). Label each piece.
 - c. Place entry form on front left shoulder seam of garment or to the left side of waistband with hanger opening facing to the left, as if you were wearing the garment.
9. Champion and Reserve Champion entries in each age division will compete for Grand and Reserve Grand Champion in Clothing Construction, Purchased Garments for Young Women, and Purchased Garments for Young Men. All individual educational exhibits will compete for one Champion and one Reserve Champion.
10. At 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.

Special Award - Ryal Mitchell Wool Award - A special award will be given to the 4-H'er who constructs a garment out of wool fabric (content must be at least 60% wool, mohair, cashmere, alpaca, camel or llama) and is the top purple among entries that qualify. Attach a card to the entry stating fiber content and that garment is to be considered for the wool award.

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

Overall Grand Champion and Overall Reserve Grand Champion in consultation classes of Clothing Construction, Buymanship for Young Women, and Buymanship for Young Men

FASHION REVUE

1. In addition to the consultation judging, 4-H'ers may participate in the Fashion Revue judging held on the same day. All 4-H'ers exhibiting in the Clothing Consultation are encouraged to participate in the Fashion Revue. The 4-H'er must be present to participate in this as they are required to model their outfit. **REFER TO 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 Fashion Revue judging to be eligible to participate in the Public Revue. **FOUR-HERS MUST PARTICIPATE AND BE PRESENT AT THE PUBLIC FASHION REVUE TO RECEIVE RECOGNITION OR AWARDS. RIBBONS AND PRIZE MONEY WILL BE WITHHELD IF PARTICIPANTS DO NOT PARTICIPATE IN THE PUBLIC REVUE.**
3. There will be four age levels in the Fashion Revue for each of the following: Constructed Garment, Buymanship Outfit for Young Women, and Buymanship Outfit for Young Men.
4. A 4-H'er may model three outfits in Clothing Construction and three outfits in Buymanship in each age level. The 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 (Fashion Revue Construction, Fashion Revue Buymanship Young Women, and Fashion Revue Buymanship Young Men) to represent Douglas County at the state fair. For exact times and details of this event refer, to the special email in June.

Consultation Judging/Fashion Revue

Level I – 7-8 year old 4-H'ers

- 1501: Lv I Consultation Constructed Article, Garment or Outfit (Limit 1)

- 1513: Lv I Fashion Revue Construction (Limit 1)
- 1502: Lv I Consultation Buymanship Outfit Young Women (Limit 1)
- 1514: Lv I Fashion Revue Buymanship Young Women (Limit 1)
- 1503: Lv I Consultation Buymanship Outfit Young Men (Limit 1)
- 1515: Lv I Fashion Revue Buymanship Young Men (Limit 1)

Consultation Judging/Fashion Revue

Level II– 9-11 year old 4-H'ers

- 1504: Lv II Consultation Constructed Article, Garment or Outfit (Limit 1)
- 1516: Lv II Fashion Revue Construction (Limit 1)
- 1505: Lv II Consultation Buymanship Outfit Young Women (Limit 1)
- 1517: Lv II Fashion Revue Buymanship Young Women (Limit 1)
- 1506: Lv II Consultation Buymanship Outfit Young Men (Limit 1)
- 1518: Lv II Fashion Revue Buymanship Young Men (Limit 1)

Consultation Judging/Fashion Revue

Level III 12-14 year old 4-H'ers

- 1507: Lv III Consultation Constructed Article, Garment or Outfit (Limit 1)
- 1519: Lv III Fashion Revue Constructed Garment or Outfit (Limit 1)
- 1508: Lv III Consultation Buymanship Outfit Young Women (Limit 1)
- 1520: Lv III Fashion Revue Buymanship Young Women (Limit 1)
- 1509: Lv III Consultation Buymanship Outfit Young Men (Limit 1)
- 1521: Lv III Fashion Revue Buymanship Outfit for Young Men (Limit 1)

Consultation Judging/Fashion Revue

Level IV 15-18 year old 4-H'ers

- 1510: Lv IV Consultation Constructed Article, Garment or Outfit (Limit 1)
- 1522: Lv IV Fashion Revue Constructed Garment or Outfit (Limit 1)
- 1511: Lv IV Consultation Buymanship Outfit Young Women (Limit 1)
- 1523: Lv IV Fashion Revue Buymanship Young Women (Limit 1)
- 1512: Lv IV Consultation Buymanship Outfit Young Men (Limit 1)
- 1524: Lv IV Fashion Revue Buymanship Young Men (Limit 1)

Additional Classes – All Ages – Limit 1 Entry Per Class

- 1525: Recycled Clothing Project All Ages
- 1526: Educational Exhibit All Ages

CROPS 4-H/FFA

Department 170

Superintendents: Jimmie Taul
Jamie Knabe

Special 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 crops entry.
3. Products exhibited in this division must have been grown by the member in the current year, with the exception of soybean seed and edible field bean seed.
4. Exhibits should be mature if possible.
5. An exhibitor may show one exhibit in each of six (6) classes.
6. Every entry must be identified by hybrid or variety name.
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.

Corn - Ten Ear Exhibit

- 1701: Corn White - 10 ears Variety or hybrid must be named
- 1702: Corn Yellow - 10 ears Variety or hybrid must be named

Sorghum - 10 head exhibit

- 1703: Grain Sorghum - 10 heads Hybrid must be named
- 1704: Forage Sorghum - Entire plant no roots. Hybrid must be named
- 1705: Other Forage Sorghums - Entire plant no roots. Variety must be named

Sunflowers -

- 1706: Confectionery 3 heads must be submitted
- 1707: Confectionery seeds 1 gallon jar must be submitted
- 1708: Oil Seed Heads 3 heads must be submitted
- 1709: Oil Seeds 1 gallon jar must be submitted

Wheat - One Gallon Sample

Note: All classes calling for a gallon sample, wheat, oats, barley, alfalfa, brome grass, soybean or

edible field bean, may have a 2 1/2-3 inch diameter cylinder placed in a glass gallon container to reduce the amount of grain to about three quarts.

- 1710: Soft Red Winter Wheat 1 gallon seed. Variety or hybrid must be named
- 1711: Hard Red Winter Wheat 1 gallon seed. Variety or hybrid must be named.
- 1712: Hard White Wheat 1 gallon seed. Variety or hybrid must be named.

Other Crops - Note: Exhibit to consist of one gallon sample. Variety must be named.

- 1713: Oats 1 gallon seed
- 1714: Barley 1 gallon seed
- 1715: Alfalfa 1 gallon seed
- 1720: Soybeans 1 gallon seed, 2018 or 2019 project. Variety must be named.
- 1721: Soybeans Bundle 5 plants grown in 2020. Variety must be named.
- 1722: Edible Field Beans 1 gallon seed from 2018 or 2019 project.
- 1723: Edible Field Beans Bundle 5 plants grown in 2020.
- 1724: Miscellaneous Crops 1 gallon seed, or 10 heads produced from current project. Variety must be named.
- 1716: 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
- 1717: Brome Hay 1 flake. Ten inch flake or slice, six inches thick and tied in two directions. Variety must be named.
- 1718: Brome Grass 1 gallon seed
- 1719: Other Tame Grasses 1 gallon seed

Educational Exhibit - Wheat, Weed Control, Soybean

- 1725: Educational Exhibit poster, notebook, display

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

ENERGY MANAGEMENT 4-H

Department 180

Superintendent: Barbara Goff

Special 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 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 Projects** – 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 Projects** – 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 Projects** – 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.

SMALL ENGINES

Special Rules

1. All exhibits should involve engines smaller than 20 horsepower
2. Displays are limited to 4' wide and 4' deep – both upright and floor displays.
 - **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.

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

Special Rules

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

ENTOMOLOGY 4-H/FFA

Department 190

Superintendent: Jordan Olsen

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. 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 as long as 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
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 of the 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. 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.
 5. 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.
 6. 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.
 7. Only specimens of the class Insecta should be included.
 8. Purchased insects are not to be exhibited in collections, but they may be used in educational displays.
 9. 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.
- **1901 INTORDUCTORY ENTOMOLOGY**
Insect collection of a least 6 orders, including 15-30 species to be shown in two small 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.
 - **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.
 - **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 – 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 may move up if they receive a purple ribbon.

- **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 as long as 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-Hers 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.
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.netThe 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 also 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.
- **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 " book – Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or
 - "Insects in Kansas Book: 2016 Revised Taxonomy" which follows 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 as long as accuracy is maintained. Members may continue to exhibit in this class for an unrestricted number of years as long as 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**

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

FLOWERS 4-H/FFA

Department 200

Superintendent: Sue Ashcraft

Special Rules

1. Read General Rules. Pre-enter by June 30.
2. Refer to schedule of events for entry times.
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.
3. 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.
4. Cut flower entries should be in clear, colorless containers sized in proportion to the specimen.
5. Exhibitor limited to a total of 4 entries with no more than 2 entries per class.
6. Arrangements should not take over one square foot of table space.
7. Flower arrangements shall be made from materials and flowers grown and collected by the exhibitor. Arrangements can be made from fresh or dried flowers.
8. 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.
9. 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

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.

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

FOODS 4-H

Department 210

Superintendents: Twilla Brown Lori Queen

Special Rules

1. Read General Rules. Pre-enter by June 30.
2. Judging of all 4-H Food entries takes place at entry time. Refer to the schedule of events for entry date and times.
3. At 4-H Foods check-in, 4-H'ers are encouraged, but not required, to sign up for consultation judging of one non-perishable food product or gift food package, one modified non-perishable food product and one whole grain non-perishable food product. **All place settings must be consultation judged.** Consultation judging will take place during the judging.
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, one Modified 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, 100% WHOLE GRAIN NON-PERISHABLE FOOD PRODUCTS AND MODIFIED FOOD PRODUCTS (BOTH ORIGINAL RECIPE AND MODIFIED RECIPE AND NARRATIVE) 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.

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.

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, for information to help you make informed, safe food exhibit decisions.

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. Name and county of the exhibitor 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.

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.

8. 4-H'ers are encouraged to use whole grain flours, fruits, nuts, etc.
9. **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.**
10. Quick breads do not contain yeast.
11. 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.
12. Under baked entries will be lowered one or more ribbon placings.
13. 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.
14. 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.
15. 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 or make you own with the following information: Class Number, Foods Product Name, 4-H member's Name, and County.
16. **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.)**
17. 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.
18. 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, Modified Non-Perishable Food Products, and Place Settings.
19. 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 or a modified non-perishable food product) and one entry in an educational class in the Foods and Nutrition Division for the Kansas State Fair.
20. You must be 9 years old (4-H age) to exhibit at the State Fair.
 - 7-8 year old 4-H'ers**
 - 21001: Non-perishable Food Product (limit 1)
 - 21003: Educational Exhibit (limit 1)

- 21005: Place Settings (limit 1)

9-11 year old 4-H'ers

- 21006: Non-perishable Food Product (limit 1)
- 21008: Educational Exhibit (limit 1)
- 21010: Place Settings (limit 1)

12-14 year old 4-H'ers

- 21011: Non-perishable Food Product (limit 1)
- 21013: Educational Exhibit (limit 1)
- 21015: Place Settings (Limit 1)

15-18 year old 4-H'ers

- 21016: Non-perishable Food Product (limit 1)
- 21018: Educational Exhibit (limit 1)
- 21020: Place Settings (limit 1)

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

FOOD PRESERVATION 4-H

Department 220

Superintendents: Twilla Brown Lori Queen

Special Rules

1. Read General Rules. Pre-enter by June 30.
2. Refer to the schedule of events for entry date and times. At 4-H Food Preservation check-in, 4-H'ers are encouraged, but not required, to sign up for consultation judging. Consultation judging of all Food Preservation entries will take place at the entry time.
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 (2) classes, limited 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. 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. **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, 6th Edition, The University of Georgia Cooperative Extension Service
 - Ball Blue Book Guide to Preserving
 - Ball Complete Book of Home 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>)
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 – 1/2 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
 11. Exhibits must be sealed 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.** Do not add 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. 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. Wage’s 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 No., 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 adhesive labels, may be found at: https://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/foods-and-nutrition/Foods_Label.pdf
 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, 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)

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

FORESTRY 4-H/FFA

Department 230

Superintendent: Jordan Olsen

Special 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: <https://www.kansas4-h.org/projects/agriculture-and-natural-resources/plant-science/forestry.html>
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), 1st & 2nd year in the project
 - A. Exhibit a minimum of 10 different leaves from native Kansas Trees collected within the year. 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), 3rd & 4th year in the project

Exhibit a minimum of 20 different leaves (including 10 new specimens) from native Kansas trees. 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), 5th & 6th year in the project
 - A. Exhibit a minimum of 30 different leaves (including 10 new specimens) from native Kansas trees. 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. 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.
 - 235 **The following classes may be entered by anyone enrolled in Forestry**
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 a 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**
 Exhibit must be directly related to tree identification or Forestry. 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
 - 238 **SENIOR 4-H FORESTER**
Growing and Protecting Trees
 Display requires project notebook telling about project and pictures before, during, and after planting seedlings. Maximum tri-fold size is 3' x 4'.
 - 239 **Tree Culture**
 Display requires 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**
 Exhibit must be directly related to tree identification or Forestry. Type of exhibit is open (notebook, poster, collection box, etc.) given a maximum size of tri-fold 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

GEOLOGY 4-H

Department 240

Superintendent: Jordan Olsen

Special 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 cover 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. Exhibitor may show in only one of the first four geology classes 2401, 2402, 2403, 2404. Exhibitor 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 spelled out, not abbreviated. More than one specimen of the same kind of rock or mineral or species of a 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, with the exception of 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. Five 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. Exhibit must include approximately 5 specimens of 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 a 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. Exhibit must include approximately 5 specimens of 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. Notebook 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. The member 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. CaCO₃ for calcite) if known.

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

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

HOME ENVIRONMENT 4-H

Department 250

Superintendent: Kalie Olsen Michelle Hirschmann
 Jennifer Blann Karen Flory

Special 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).
6. 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, 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

HORTICULTURE 4-H/FFA

Department 260

Superintendents: Jimmie Taul
 Jamie Knabe

Special 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 6 total exhibits of vegetables and/or fruits, plus one garden display and one educational exhibit. 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.
 - Medium Vegetables (Five each):** cucumbers, decorative gourds, miniature pumpkins, tomatoes, carrots, beets, garlic, onions, peppers, okra, Irish potatoes, parsnips, radishes, sweet potatoes.
 - Small Vegetables (Twelve Each):** Green snap beans, wax beans, English peas, or other similar sized 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)**

Vegetables should be mature and uniformity will be considered with medium and small vegetables.
6. Garden Display – Each exhibitor in this class will be limited to four square feet of space. The Garden Display should be exhibited in a tray, basket or container that can be easily moved by the fair staff. Exhibit consists of five different 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. 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.
 - 261 Garden Display
 - 262 Small vegetable specimen plate (12) Ex: green snap beans, wax beans, English peas, or other similar sized vegetables
 - 263 Medium vegetable specimen plate (5) Ex: cucumbers, cherry tomatoes, 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

- 264 Large vegetable specimen plate (1) Ex: watermelon, summer squash, winter squash, large type pumpkin, eggplant, cabbage, cantaloupe, other large vegetable
- 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) Ex: strawberries, blackberries, raspberries, or other similar sized fruits
- 267 Tree fruits (plate of 5) Ex: apples, pears, peaches, or similar sized fruits
- 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

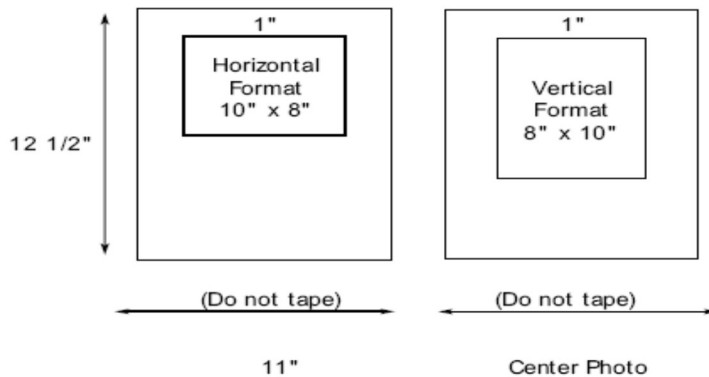
PHOTOGRAPHY 4-H

Department 290

Superintendent: Brenda O'Keefe Kassidy Burrton Jill Watson

Special Rules

1. Read General Rules. Refer to main schedule for entry date and times.
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 1 print in the photo class, one print in the black and white class, one print in the digital composite class for a total of 3 entries per exhibitor. Plus, one entry in each of the portfolio classes where eligible.
5. 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. Remove white border from the photo print before mounting.
7. All photos must be no larger than 8" x 10" and no smaller than 7"x 9", after trimming.
8. 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.



9. 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.

10. 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.

11. 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.

12. No lettering, including dates, is permitted on the front of the mount or on the photo. No underlay or borders are to be used.

13. To protect exhibits from dust, fingerprints and moisture, place mounted photo in protective plastic sleeve that can be obtained from the Extension office.

14. 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.

15. 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.

16. 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.

17. Photographs taken with a digital camera and having no more adjustments than exposure, color intensity or correction, one click filter 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.

18. 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.

19. 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.

20. Photos with live subject(s) on railroad right away or taken from railroad right of way property

will not be displayed in Kansas 4-H Photography and will be disqualified and not judged.

21. Copyright protections must be observed.

22. Decisions as to display and/or penalties will be made by the Photography Superintendent and the 4-H Specialist responsible for the photography entries.

23. Photos on exhibit may be used for the Photography Judging Contest.

24. Champion and Reserve Champion exhibits in each entry level will compete for the overall Grand Champion and Reserve Champion awards.

JUDGE'S CHOICE AWARDS: 4-H'ers who earn a Judge's Choice award will have the opportunity to display their photography in one of our public showcases. Showcases will be at the Douglas County Courthouse and the Extension Office. Additional showcases may be available. Judge's Choice awards will be noted by a sticker on the photography exhibit. Award earning photography will be kept at the Extension Office and returned to the 4-H'er the following 4-H year. If a 4-H'er would like to opt out of the showcase, they should contact Kaitlyn Peine, 4-H Youth Development Agent, at 785-843-7058.

PEOPLE'S CHOICE AWARD: The public is invited to vote for the People's Choice Award in the 4-H Photography Department. Each photograph will be assigned a number at check-in. Paper ballots will be available for the public to vote for their favorite photo. A ballot box will be located by the 4-H photography display. The photo with the most votes will win the People's Choice Award. The People's Choice Award will close at noon on Friday.

CLASSES:

- 291 **Level I Color Photo** (4-H member Age 7-8 years old)
- 292 **Level II Color Photo** (4-H member Age 9-11 years old)
- 293 **Level III Color Photo** (4-H member Age 12-14 years old)
- 294 **Level IV Color Photo** (4-H member 15-18 years old)
- 295 **Black and White Photos** – All Age Levels/experience (Black and White Prints Only)
- 296 **Digital Composite Image** – All Age Levels/experience
Digital Composite Photo must be created from two or more originals taken by the exhibitor. Exhibitor must include a second 11 x 12-1/2 matte board (Explanation Board) mounted with standard size prints of the original photos, 3 x 5 card(s) explaining what manipulation was done and a standard size print of the final photo. Optional, may include prints of editing steps. Photos showing editing steps may be layered. Please put name and Extension Unit on the front of the second board. Explanation Boards will be displayed along with the finished board. Place both matte boards in the same protective plastic bag. Note: See Rule 18 above class for definition.
- **297 Growth Portfolio**
 1. Member must have been enrolled in Photography project for five (5) years or more.
 2. Exhibit will consist of five (5) photos – one from each of the past 5 years of enrollment. Each photo must have been created in a different year and must be labeled with year taken and which year of enrollment it represents.
 3. Photos must be 8" x 10" and may be color or black and white.
 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.

- **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 (not done with computer), Landscape, Photo Journalism, 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.
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.

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

Grand Champion and Reserve Grand Champion

PROJECT DISPLAYS 4-H

Department 300

Superintendent: Kay Miller Shelby Miller

Special 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. Consultation judging will take place during the entry time on Monday from 1:00-7:00 p.m.
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.
2. 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.
11. No State Fair exhibits in this division, except for Shooting Sports and Wildlife.
 - 301: Citizenship
 - 302: Communication
 - 303: Environmental Science
 - 304: Exploring 4-H
 - 305: Family Studies
 - 306: Health & Wellness
 - 307: Leadership
 - 308: Performing Arts
 - 309: Reading
 - 310: Self-Determined
 - 311: Shooting Sports
 - 312: Technology & Engineering
 - 313: Wildlife

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

SPACETECH 4-H

Department 310

Superintendent: Craig Shultz

Special Rules

1. Read General Rules. Pre-enter by June 30.
2. 4-H members must be currently enrolled in the 4-H SpaceTech program to exhibit in this division. Refer to main schedule for entry date and times. Consultation judging is offered from 1:00-7:00 p.m. and from 5:00 p.m. – 7:00 p.m. for astronomy, computers, computer systems, unmanned aerial systems, educational displays, and robotics on Monday, but not required in this division.

ASTRONOMY

1. Each exhibitor may enter one exhibit per class. Exhibits must have been completed during the current year.
2. Telescopes entered in this division may be a kit or original design. Beginner kits and pre-finished telescopes requiring no painting are not acceptable.
3. Telescopes should not be more than 6 feet in length. They must be placed on a stationary stand that that does not allow the telescope to roll and/or fall over. The stand cannot extend past two feet in length or width.
4. Each telescope exhibit must include a "4-H Astronomy Exhibit Information Form" 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.

5. Telescopes designed by the exhibitor must be original, not a modification of an existing kit.
 6. 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.
 7. The telescope must be properly assembled and painted with a smooth and uniform finish. Decals, if used, should be attached smooth and tight.
 8. Exhibitor's name, county, age, and year(s) in project must be tagged or labeled in a prominent location on the telescope.
 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.
- 3101: Telescope made from kit
 - 3102: Telescope made from original design

COMPUTERS

Special Rules

1. The 4-H computer project teaches concepts related to computers, hardware knowledge, software programming and applications, internet safety, the building, maintenance and repair of computers and future career opportunities. Please note that the actual construction of computer hardware (i.e., building a computer, electronic devices with a mother-board based manipulation) will remain in the Energy Management division.
2. The 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 the last section for full details about exhibiting posters, display boards, and notebooks.
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, can also be classified as a robot, and the exhibitor must decide which division to exhibit in as the exhibit may not be entered in the 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.KansasSpaceTech.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 computer paper, placed in a plastic sheet protector, to allow for proper display and recognition at the Kansas State Fair. 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 occur 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.KansasSpaceTech.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. 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.

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. User names 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 user name 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 USER NAME 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. 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

ROBOTICS

Special 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 supports in order 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 www.KansasSpaceTech.com. This form must be attached to the outside of a 10" x 13" manila envelope.

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.

13. In the event that 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 in order 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 the last section for full details about exhibiting posters, display boards and notebooks.

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

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

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

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

Team Robotics Project

- 3147 Robot designed and constructed by 2 or more 4-H SpaceTech

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 SpaceTech members. As with many high tech projects today, no one person designs and builds a robot alone. It takes the 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 SpaceTech website www.kansaspacetech.com for the current year's task. Click on the KSF Packet Link.

4-H ROCKETRY

Special Rules

Exhibit Information for ALL rocketry categories:

1. 4-H members must be currently enrolled in the 4-H 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 www.KansasSpaceTech.com or your local extension office, and attach it to a 10"X13" "manila" envelope. 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). An official fin guide is available from www.KansasSpaceTech.com.
 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.
 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 smooth.

16. The recovery system (typically a parachute or streamer) should be attached according to the instructions
 17. The nose cone is to fit snugly but still allow 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 enough, by itself, to move the model from one ribbon placing to another.
 20. "Scale models*" 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 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 insure stability. 4-H'er's 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
 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 amount 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.

7-8 year olds

- 3128: Lv I Rocket from kit, include plans

- 3129: Lv I Rocket original design by exhibitor, not merely modification of an existing kit rocket. Include original plans.
- 3130: Lv I Rocket for fun. Any type of model rocket.

9-11 year olds

- 3131: Lv II Rocket from kit, include plans
- 3132: Lv II Rocket original design by exhibitor, not merely modification of an existing kit rocket. Include original plans.
- 3133: Lv II Rocket for fun. Any type of model rocket.

12-14 year olds

- 3134: Lv III Rocket from kit, include plans
- 3135: Lv III Rocket original design by exhibitor, not merely modification of an existing kit rocket. Include original plans.
- 3136: Lv III Rocket for fun. Any type of model rocket.

15-18 year olds

- 3137: Lv IV Rocket from kit, include plans
- 3138: Lv IV Rocket original design by exhibitor, not merely modification of an existing kit rocket. Include original plans.
- 3139: Lv IV Rocket for fun. Any type of model rocket.
- 3140: Lv IV Rocket designed with alternative skins; not merely a modification of an existing kit. Include original plans.

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 1st of the current year. However, in the event that 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 1st of the current 4-H year. However, in the event that 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 amount 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.**

UNMANNED AERIAL SYSTEMS

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

- 1. The 4-H members must be currently enrolled in the 4-H Unmanned Aerial Systems (UAS) project to exhibit in this division.
- 2. Each exhibitor may enter one exhibit per class. 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 www.KansasSpaceTech.com. Any UAS exhibit not including this completed envelope will receive an automatic participation ribbon.
- 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 the 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. Unmanned Aerial Systems that include or depict weaponry of any kind will be disqualified.
- 7. See the last section for full details about exhibiting posters, display boards and notebooks.
- 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.

SPACETECH EDUCATIONAL EXHIBITS – POSTERS, NOTEBOOKS AND DISPLAY BOARDS

Purpose: To allow 4-Hers to explore Space Tech outside the bounds of traditional projects for rockets, robotics, astronomy, computers and unmanned aerial systems. All posters, notebooks and display boards are listed in this section and have been removed from the individual sections.

1. The General Exhibit rules for ALL SPACETECH categories apply.
2. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
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. An exhibit judging score sheet is available at www.KansasSpaceTech.com. For example, a rocket that may have crashed and/or is highly damaged may be made into an educational display or poster that tells a great story with many lessons learned.
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. Care should be taken to use durable materials that will withstand fair conditions.
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 display exhibits may not be thicker than 1”.
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, county or district, 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. Failure to label an exhibit may result in one ribbon placing deduction.
12. Exhibits should possess the following qualities (in no particular 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 Systems, Robotics, Rocketry, or Unmanned Aerial Systems
f. As well as those characteristics described above.

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.

EDUCATIONAL EXHIBITS All Ages

- 3142: Astronomy Display
- 3143: Computer Systems Display
- 3144: Robotics Display
- 3145: Rocketry Display
- 3146: Unmanned Aerial Systems Display

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

WOODWORK 4-H

Department 320

Superintendent: John Vesecky

Special 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. Exhibitor may enter no more than 1 article in each class and no more than 2 total exhibits.
4. **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.)
5. 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.
6. Label each article showing intended use, age and years in woodwork.
7. **Projects made from pre-cut kits are not allowed.**
8. 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.
9. Firearms and weapons **will** not be entered or displayed.
10. Champion and Reserve Champion will compete for Grand Champion and Reserve Grand Champion

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 above classes. (Examples bird houses, bird feeders, household equipment such as knife racks, bread boards, door stops, etc.
- 3203: Piece of repaired or refinished furniture. Include brief explanation of work completed attached to exhibit. (This class open to those who have met the requirements of either woodwork or home environment projects.) Not a State Fair Class.

Level II 9-11 year olds

- 3204: Article for farm or shop use
- 3205: Lawn furniture or household furniture

- 3206: Other woodworking. Articles not included in above classes. (Examples bird houses, bird feeders, household equipment such as knife racks, bread boards, door stops, etc.)
- 3207: Piece of repaired or refinished furniture. Include brief explanation of work completed attached to exhibit. (This class open to those who have met the requirement of either woodworking or home environment projects.) Not a State Fair Class.

Level III 12-14 year olds

- 3208: Article for farm or shop use
- 3209: Lawn furniture or household furniture
- 3210: Other woodworking. Articles not included in above classes. (Examples bird houses, bird feeders, household equipment such as knife racks, bread boards, door stops, etc.)
- 3211: Piece of repaired or refinished furniture. Include brief explanation of work completed attached to exhibit. (This class open to those who have met the requirements of either woodworking or home environment projects.) Not a State Fair Class.

Level IV 15-18 year olds

- 3212: Article for farm or shop use
- 3213: Lawn furniture or household furniture
- 3214: Other woodworking. Articles not included in above classes. (Examples bird houses, bird feeders, household equipment such as knife racks, bread boards, door stops, etc.)
- 3215: Piece of repaired or refinished furniture. Include brief explanation of work completed attached to exhibit. (This class open to those who have met the requirements of either woodworking or home environment projects) Not a State Fair Class.

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

CONSUMER JUDGING CONTEST DEPT 500

Superintendent: Brenna Wulfkuhle

1. Walk-in Contest, 12:00 – 2:00 p.m., Wednesday, in Building 21. You must pre-enter through the Fair Entry system.
 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.
- Class 4 Level IV, 15-18 year olds
Class 3 Level III, 12-14 year olds
Class 2 Level II, 9-11 year olds
Class 1 Level I, 7-8 year olds

HORTICULTURE JUDGING CONTEST 4-H/FFA DEPT 503

Special Rules

1. Walk-in contest from 12:00 p.m. – 2:00 p.m., Wednesday in the Building 21. You must pre-enter through the Fair Entry system.
 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.
- Class 4 Level IV, 15-18 year olds
Class 3 Level III, 12-14 year olds
Class 2 Level II, 9-11 year olds
Class 1 Level I, 7-8 year olds

PHOTOGRAPHY JUDGING CONTEST 4-H DEPT 506**Superintendent:****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 current year. You must pre-enter through the Fair Entry system.
 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.
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|---------|----------------------------|
| Class 4 | Level IV, 15-18 year olds |
| Class 3 | Level III, 12-14 year olds |
| Class 2 | Level II, 9-11 year olds |
| Class 1 | Level I, 7-8 year old |
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READING CONTEST 4-H DEPT 508**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. You must pre-enter through the Fair Entry system.
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:

Class 1	Junior 7-9 year olds: Lost in the Tunnel of Time by Sharon M. Draper
Class 2	Intermediate 10-13 year olds: Chasing Vermeer by Blue Balliett
Class 3	Senior 14 – 19 year olds: The Boys in the Boat by Daniel James Brown

HORSE JUDGING CONTEST 4-H/FFA**Special Rules**

1. Contest held on Saturday following the 4-H Horse Show in the Community Building.
 2. Classes will be selected by a committee
 3. Oral reasons will be given.
 4. Age requirement as of 1/1 of current year.
Level IV, 15-18 year olds
Level III, 12-14 year olds
Level II, 9-11 year olds
Level I, 7-8 year olds
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LIVESTOCK SKILL-A-THON 4-H/FFA DEPT 505**Special Rules**

1. Walk-in contest from 1 pm to 2 pm, Thursday, in Building 21.
 2. Age requirement as of Jan. 1 of the current year. You must pre-enter through the Fair Entry system.
 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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|---------|----------------------------|
| Class 4 | Level IV, 15-18 year olds |
| Class 3 | Level III, 12-14 year olds |
| Class 2 | Level II, 9-11 year olds |
| Class 1 | Level I, 7-8 year olds |
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LIVESTOCK JUDGING CONTEST 4-H/FFA DEPT 504

Superintendent: Justin Leonard and Holly Swearingen

Special Rules

1. Contest held virtually. You must pre-enter through the Fair Entry system.
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.

Class 4 Level IV, 15-18 year olds

Class 3 Level III, 12-14 year olds

Class 2 Level II, 9-11 year olds

Class 1 Level I, 7-8 year olds

POULTRY SKILL-A-THON 4-H/FFA DEPT 507

Special Rules

1. Contest will be held on Thursday in Building 21.
2. Age requirement as Jan. 1 of the current year:
3. The contest is open to all youth. Poultry project enrollment is not required. You must pre-enter on the Fair Entry System.
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.

Class 4 Level IV, 15-18 year olds

Class 3 Level III, 12-14 year olds

Class 2 Level II, 9-11 year olds

Class 1 Level I, 7-8 year olds

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