

**DEPARTMENT X  
4-H/FFA- YOUTH ACTIVITIES**

*Be sure to read the General Rules beginning on page 9  
(Highlighted items denote changes/additions for the current year)*

Rules and Guidelines in Department X 6 Youth Activities are set by K-State Research and Extension, Coffey County in compliance with Kansas 4-H Policy guidelines. K-State Research & Extension is the shortened name for Kansas State University Agricultural Experiment Station and Cooperative Extension Service. K-State Research & Extension Coffey County is committed to making its services, activities and programs accessible to all participants. If you have special requirements due to a physical, vision or hearing disability, contact Darl Henson or Clarissa Sents at 620-364-5313. K-State Research & Extension is an equal opportunity provider and employer. All inquiries pertaining to the youth department should be directed to K-State Research & Extension, Coffey County Extension Agents.

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All grievances pertaining to participation/exhibition in the youth department MUST be submitted in writing and given to an Extension agent before the conclusion of the respective show/exhibit/activity. The grievance will be addressed and resolution reached by a grievance committee immediately following the show and before the subsequent show/activity begins. The grievance committee shall be comprised of the Extension Agents, Respective Class Superintendent, Fair board President or one appointed representative and two 4-H PDC Representatives.

1. Entries in this department cannot be entered in open class. Exhibitors may not enter the same item or animal in more than one class with the exception being Coffey County Born market classes. Exhibitors may make only one entry in each class, except that two per class in Livestock and Dairy or otherwise specified. 4-H livestock shown may be used in the Open Class Lil Tykes Showmanship classes. Otherwise youth exhibitors animals or projects may not be entered in a Youth Division Class and then again in the Open Class.
2. Entries shall be made according to the project enrolled in, and members shall not be allowed to show in classes for which they are not enrolled. All exhibits must be the bona fide property and handiwork of the exhibitor; the grower where agriculture exhibits are shown; and the owner and feeder where livestock is entered. Exhibits must be the result of the current year's work. The rules shall be rigidly enforced to maintain the integrity of the program. Any issue regarding the showing/selling of an animal by the exhibitor/seller must be brought to the attention of the Fair Board prior to the fair for resolve. Exhibitors who are found by the Fair Board to have left their livestock to the majority care of others, especially the care of professional feeders/groomers will be disqualified. Entries must be made, entered and exhibited by the owner.
3. Any boy or girl between the ages of 7 and 18 years of age and a bona fide member or associate member of a 4-H or FFA is eligible to enter any of the following contests or exhibits in this department. Age determined as of January 1, the current year.
4. In order to exhibit livestock, horses, poultry and rabbits at the Coffey County Fair, all animals to be exhibited MUST be pre-entered on a completed 4-H pre-entry card. The card shall be submitted to the Coffey County Extension Office on or before the **5:00 p.m., Wednesday, June 28<sup>th</sup> pre-entry deadline**. The pre-entry card for each exhibit must be completed in its entirety before it will be accepted. The information as it is submitted on the pre-entry card will be the official exhibit entry information and NO changes will be made at any time during official entry at the Coffey County Fair.

ALL Entry cards must be approved by leaders, Vocational Agriculture teachers, parent or guardian.

5. The Danish Award System of Judging will be used, and money awards made according to quality of exhibit. No award will be given if judge decides exhibit does not warrant it. Exhibitors will be awarded premiums according to the ribbon(s) they receive on their project(s). They will be paid by the Coffey County Fair Association as follows. Grand Champion - \$5.00, Reserve Grand Champion - \$4.50, Champion - \$4.00, Reserve Champion - \$3.50, Purple - \$3.00, Blue - \$2.50, Red - \$2.00 and White - \$1.50.

6. All exhibits are to be on the grounds, in place, by 1:00 p.m. Wednesday, labeled according to rules except for livestock which is 3-8 p.m. All animals will be on exhibit from 9:00 a.m. to 9:00 p.m. Thursday-Saturday except for when being fed, watered, or groomed. No steers or heifers outside designated areas in sheep & goat barn during show day.

7. All cattle to be shown (beef, bucket calves, dairy) should be clipped prior to fair. No adhesives or paint used for fitting. Blow and go show.

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All market lambs and goats MUST be slick shorn prior to weigh-in (not to exceed 1/4 inch for lambs and 3/8 inch for goats). Only Coffey County 4-H livestock leaders, FFA advisor, youth exhibitors immediate family member, and current Coffey County 4-H/FFA members, may help with the grooming of livestock.

8. All youth livestock exhibitors must show their own animals except on the occasion they have more than one animal in the show ring for evaluation at the same time. Any individual showing another's animals must be a current Coffey County 4-H / FFA member. In the event an exhibitor cannot show their own animal due to unforeseen circumstances such as, sickness, health related issues or scheduling conflicts bring these matters to the species superintendent as soon as possible prior to competition so that acceptable alternative arrangements may be made. No youth may show an intact male of any species in the youth division

9. All Livestock will be required to adhere to the most current KDAH Requirements for Kansas County Fairs Kansas Livestock General Health Requirements: "All animals are subject to examination by the exhibition staff or their representatives, and shall be free of clinical signs of infectious or contagious disease. Animals determined by exhibition staff to have not met listed requirements will not be permitted to exhibit". Livestock originating from other states should follow all KDAH import requirements. The import requirement list is available by calling KDAH at 785-296-2326 or at [www.agriculture.ks.gov/divisions-programs/division-of-animal-health](http://www.agriculture.ks.gov/divisions-programs/division-of-animal-health). A CVI is not required for exhibit at the Coffey County Fair. Species specific health requirements are listed under the respective species divisions.

10. All animal exhibitors (excluding large beef) are to provide their own approved bedding for their animal(s). The type of bedding must be approved by the species superintendent. Large Beef exhibitors will be charged a \$25 stall fee to cover expenses for cedar fibers.

***A mandatory Livestock Exhibitors' and parents' Meeting will be held Thursday morning at 7:30 a.m. at the arena for updates & final show details***

**LIVESTOCK CHECK IN and WEIGH-IN**

Wednesday, 3:00 p.m. to 8:00 p.m. Check-In

Weigh-In will begin at 6:00 p.m. with following order

BEEF / BUCKET CALVES

SHEEP / MEAT GOATS

SWINE

All animals must be dry, clean and free of mud and debris with lambs being shorn having no more than 1/4 of fleece PRIOR to

being weighed. *NO re-weighs will be allowed without approval of weighing committee.*

#### ROUND ROBIN SHOWMANSHIP CONTEST

1. Contest is divided into 3 age groups according to 4-H age: Junior, 7-9; Intermediate, 10-13; Senior, 14-18.
2. A Round Robin showmanship contest will be used to determine the Champion and Reserve Champion overall showman in each age division.
3. Champion and Reserve Champion showmen receiving purple or blue ribbons, in each age division in Sheep, Horse, Beef, Swine, Meat Goats and Dairy Cow will be eligible to participate. Should an individual qualify in more than one specie they shall specify their preference. In such case, the subsequent third place blue ribbon recipient in the species with the created vacancy may be invited to participate.
4. Inclusion of a specie in the Round Robin contest will be dependent on the decision of qualifying individuals to participate or not. Species inclusion may vary from year to year.
5. Senior and Intermediates will show all qualifying species. Juniors will show their qualifying specie as well as select two other species to show.

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#### YOUTH LIVESTOCK AUCTION

1. Each 4-H/FFA member in good standing may sell two market animals of different species. If an animal is not shown in a conformation class in the youth division, it may not sell through the auction. Each Livestock Sale participant and parent shall sign a Coffey County Fair 4-H Livestock Premium Auction Agreement form before they will be allowed to sell.
2. All animals must be dry, clean and free of excess mud and debris with lambs being shorn having no more than 1/4 of fleece PRIOR to being weighed.
3. Minimum weights to qualify for the sale are:

Beef	1000 lbs
2nd Yr Bucket Calves	1000 lbs
Sheep	95 lbs
Swine	220 lbs
Goats	50 lbs
4. Youth Exhibitors must be the bona fide owner of the animals they sell through the 4-H Auction.
5. EVERY MARKET animal entered in the fair MUST have a Destination Designation card filled out for them. Destination Designation cards are to be turned into Extension staff no later than 1 hour after the conclusion of the respective species show. No changes to the Destination Designation cards will be accepted after 5pm. **NO** animal will be listed in the sale bill without a Destination Designation card being filled out! There will be poster size examples of the various ways these cards are to be filled out depending on what is to happen to the animal. These will be posted around the announcer stand area throughout the various shows.
6. Only changes to locker designation for a particular animal can be made to Destination Designation cards and must be finalized in writing and given to the designated individual within 30 minutes of the conclusion of the sale. No changes will be made to the destination cards except for locker locations.
7. Sale Order will begin with the sale of the Grand Champion and Reserve Grand Champion of each species followed by Beef then Sheep or Goats, finishing with Swine. Sale order within specie will be according to show ribbon placings starting with blues, then reds, then whites
8. Exhibitors MUST sell their own animals in the livestock sale. Any issue regarding the showing/selling of an animal by the exhibitor/seller must be brought to the attention of the Fair Board prior to the fair for resolve.
9. Any animal sold through the premium sale MAY NOT be shown again in any other fair or exhibition.

10. Any complaint or dispute pertaining to the Youth Livestock Auction shall be given to the Fair Board Sale Committee which will be responsible for addressing and resolving issues of the auction.

11. The Coffey County Extension Council in cooperation with the Coffey County Fair Association recognizes participation in a 4-H project premium auction as a privilege for youth active in their community club and the 4-H program. Therefore a 4-Her MUST attend and participate in at least 6 Community Club Meetings held from the start of the 4-H year, October 1, until the July County Fair pre-registration deadline date designated by the Extension Office as a requirement to sell a project animal or item in the 4-H Livestock Premium Auction or any other project auction held in conjunction with the Coffey County Fair. Verification of attendance will be determined by the respective clubs Secretarial Roll attendance record of which a copy is to be turned in to the Extension Office no later than the designated County Fair pre-registration deadline. The submitted Secretary's attendance record shall also contain an original signature of the respective club's Community Leader of record verifying the report is accurate and correct.

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4-Hers not meeting the 6 meeting attendance requirement may still exhibit at the Coffey County fair for ribbon premium but will not be allowed to participate in any project auction held under the direction of the Coffey County Fair Association.

## **SECTION I- BEEF**

**See General Rules P. 8-11**

**Division A- Angus**

**Division B- Hereford**

**Division C- British AOB**

**Division D- Braunvieh**

**Division E- Charolais**

**Division F- Chianina**

**Division G- Limousin**

**Division H- Main Anjou**

**Division I- Simmental**

**Division J- Continental AOB**

**Division K- Crossbred Steers**

**Division L - Market Heifer**

1. Breed Composites will be shown within either their own base parent breed or as a crossbred as designated and recorded at initial weigh-in i.e. Maintainer will be in the Maine Anjou class, Shorthorn Plus will be in the Shorthorn class.

2. The Kansas Department of Agriculture Division of Animal Health (KDAH) requires no tests on cattle and bison of Kansas origin. Cattle determined by exhibition staff to have lesions of ringworm, warts or infested with mange will not be permitted to show.

3. In the interest of livestock exhibitor safety:

a) In order to exhibit and compete for awards, all beef cattle MUST be halter broke to lead and demonstrate at all times throughout the entire duration of the fair, the ability to be safely controlled.

b) Throughout the weigh-in process, ALL beef cattle MUST be reasonably controlled by the 4-H exhibitor. Family, 4-H member and weigh-in committee help is permissible and encouraged during this process. If an animal obviously cannot be safely controlled by the exhibitor with assistance and is posing a safety hazard for other exhibitors and the general public, it may be asked to leave the fairgrounds.

c) During competition anytime while in the show ring, if a calf should become disruptive and obviously overcomes exhibitor's control three times, the animal will be promptly dismissed from the show ring and any further competition. The dismissed animal will be awarded at minimum a white ribbon. If

dismissal is during selection for class champion or grand Champion, the animal will retain their previously awarded status but will be immediately dismissed without further consideration. This rule will not apply to an exhibitor who loses control of their animal as a result of another's calf becoming uncontrollable or any other unforeseen outside influences.

4) Regardless of dismissal from a conformation evaluation, the animal will remain eligible to go through the premium sale. However, should the need arise later, that animal could be asked to leave the fairgrounds prior to the sale and not be allowed to sell if control and safety issues remain a concern.

Determinations will be made by the combined consensus of Extension agent(s) present, the beef superintendent, and beef show committee member(s) selected by the beef show superintendent as posted.

Breeding Beef will be shown by age classes as listed. There will be no class splits by breed unless 3 or more of a particular breed are entered within a particular class. Additional Divisions may be created only if 3 or more individuals of a breed are pre-entered.

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### **Class**

101. Jr. Showmanship (7-9)

102. Inter. Showmanship (10-13)

103. Sr. Showmanship (14- 18)

104. Market Beef

The Champion and Reserve Champion of each division are eligible to compete for Grand Champion and Reserve Grand Champion Market Beef.

105. Beef Rate of Gain. Market beef and Second year Bucket Calves weighed at the March Beef Weigh- in are eligible to compete. (Need to fill out an entry card)

106. Coffey County Born Market Beef - (Limit of one entry per exhibitor)

107. Heifer calves dropped after September 1, 2016.

108. Heifer summer yearlings dropped between May 1, and August 31, 2016.

109. Heifer, junior yearling, dropped between January 1 and April 30 2016.

110. Heifer, senior yearling, dropped between September 1, 2015 and January 1, 2016.

111. 2-year-old and older cows.

112. Cow/calf pair

First and second place animals in the preceding heifer classes will show in the Championship Class in their division. The Champion Heifer and the first place animals in the cow classes (if blue ribbon quality) will compete for the designation of "Supreme Breeding Beef".

### **SECTION 1A- BUCKET CALF**

The Bucket Calf project is intended to allow younger 4-Hers to participate in the Beef/ Dairy cattle projects in a safer manner with a smaller and/or more manageable animal. Main objective of this particular project and associated fair classes is to place the major competitive emphasis on the educational aspect and learning experience and de-emphasize the aspect of exhibiting.

#### **Division A- First Year Bucket Calf**

#### **Division B- Second Year Bucket Calf**

1. Division A- First Year Bucket Calf

1a. Must be born after January 1<sup>st</sup> of the current year.

1b. Must be tagged at the Coffey County Spring Bucket Calf Show.

1c. Not eligible to sell in the premium livestock auction.

2. Division B- Second Year Bucket Calf

2a. Same exhibitor must have shown calf the previous year as a 4-H Bucket Calf

- 2b. Must be identified and weighed at the Coffey County Spring Beef Weigh-in
- 2c. Steers only will be eligible to sell in the County Fair Premium Livestock Auction if they meet the market beef requirements to sell. (i.e. minimum weight.)
3. 4-H members enrolled in the Bucket Calf project may show both a first and second year bucket calf in the same year. Steers shown in the second year bucket calf class may also be shown in the Coffey County Bornö steer class, but not in any other beef section class.
4. Steers and Heifers entered in the bucket calf section will show together in their respective divisions.
5. Exhibitor must be 7-12 years old to show in either division of the Bucket Calf Section. Minimum requirement for consideration of any bucket calf division award is that a live, properly tagged, IDed and entered bucket calf must be exhibited. In the case of calf death and inability to exhibit a live calf, an educational notebook may be entered as the exhibit. The 4-Her may participate in the interview and testing process without consideration for the bucket calf exhibit award.

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6. First and Second year Bucket calves should be evaluated and ribbons awarded based on the following criteria.
- A) 40% Knowledge of project (i.e questions covering general health, care, feeding, costs, anatomy)
  - B) 20% Judges interview
  - C) 20% Showmanship and grooming of calf.
  - D) 20% Quality and condition of the calf itself

**Classes:**

- 151. 7-8 year old exhibitor
- 152. 9-10 year old exhibitor
- 153. 11-12 year old exhibitor

**SECTION 2- DAIRY**

**See General Rules P. 8-11**

**Division A – Aryshire**

**Division B- Brown Swiss**

**Division C- Guernsey**

**Division D- Holstein**

**Division E- Jersey**

**Division F- Milking Shorthorn**

**Division G- Crossbred Dairy**

The Kansas Department of Agriculture Division of Animal Health (KDAH) requires no tests on cattle and bison of Kansas origin. Cattle determined by exhibition staff to have lesions of ringworm, warts or infested with mange will not be permitted to show.

**Classes:**

- 201. Jr. Showmanship (7-9)
  - 202. Intermediate Showmanship (10-13)
  - 203. Sr. Showmanship (14-18)
  - 204. Intermediate Calf dropped after Sept. 2016.
  - 205. Yearling dropped Sept. 2015- Aug. 2016
  - 206. 2 yr. old Sept. 1, 2014- Aug. 31, 2015.
  - 207. 3 yr. old and older dry cow
  - 208. 3 yr. old cow ó currently milking.
  - 209. 4 yr. old and older cow ó currently milking
  - 210. Dairy goat nannieó Currently Milking
  - 211. Dairy goat nannie - Non-lactating
- (Dairy goats may not enter meat goat classes)

**SECTION 3- SWINE**

**See General Rules P.8-11**

**Division A- Duroc**

**Division B- Hampshire**

**Division C- Yorkshire**

**Division D – All Other Breeds**  
**Division E- Crossbred**

Swine originating in Kansas must meet the general requirements. Kansas has obtained Stage V status in the National Pseudorebries Program, and the state is classified free of Swine Brucellosis. Negative Pseudorabies and Brucellosis tests are not required for Kansas origin swine.

**Classes:**

- 301. Jr. Showmanship (7-9)
- 302. Intermediate Showmanship (10-13)
- 303. Sr. Showmanship (14-18)
- 304. Market Gilts (farrowed after January 1)
- 305. Market Barrows (farrowed after January 1)
- Champion and Reserve Champion gilt and barrow of breeds will compete for Grand Champion Market pig.*
- 306. Swine Rate of Gain. Pigs weighed at Coffey County Spring weigh-in are eligible to compete for swine rate of gain.
- 307. Breeding Gilt (farrowed after January 1)
- 308. Coffey County Born Market Hog (Limit of one entry per exhibitor)

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**SECTION 4- SHEEP**

**See General Rules p. 8-11**

**Division A- Hampshire**

**Division B- Suffolk**

**Division C- All other breeds**

**Division D- Crossbred**

In addition to the general health requirements, all sheep shall;

- Be free of any signs of sore mouth
- Be free of signs of active fungal (ringworm) infection, including club lamb fungus
- Be identified with an official USDA premises identification tag. Lambs under eight weeks of age accompanying their dams are exempt from tagging requirements.

**Classes:**

- 401. Jr. Showmanship (7-9)
- 402. Intermediate Showmanship (10-13)
- 403. Sr. Showmanship (14-18)
- 404. Market lamb, born after January 1
- 405. Sheep Rate of Gain. All market lambs weighed in at Coffey County Spring Prospect Show are eligible to compete.
- 406. Ewe lambs born after January 1 current year
- 407. Yearling ewes.
- 408. 2-year-old and older ewes
- First and second place winners of blue ribbon quality will be eligible to compete for Grand and Reserve Champion for each breed.
- 409. Coffey County Born Market Sheep (Limit of one entry per exhibitor)

**SECTION 5- MEAT GOAT**

In addition to the general health requirements, all goats shall;

- Be free of any signs of sore mouth
- Be free of signs of lesions of ringworm, warts or infestation of mange
- Be identified with a registered tattoo or an official USDA premises identification tag. Kids under eight weeks of age accompanying their dams are exempt from identification requirements. Goats identified with registration tattoos must have registration papers for these animals available for inspection if requested.

- 1. Minimum of 50 pounds. Large classes broken by weight.
- 2. Goats should be checked for clinical signs of disease.
- 3. Must have milk tooth only. No breaking of gum line or eruption of two permanent front teeth. May be mouthed at weigh-in

4. Show with or without horns. If horned, must be blunted or tipped.
5. Show with collar, chain, or hand under the jaw. Bracing WILL BE allowed but all 4 of the goat's feet MUST be contacting the ground during examination by the judge.
6. Exhibited with clean hair coat. If shorn, should be a maximum of 3/8" hair length
7. Meat goat may not enter Dairy Goat classes.

**Division A- Boer (75%)**

**Division B- All other breeds (Specify breeds)**

**Division C- Crossbred**

**Class**

501. Junior Showmanship (7-9)
502. Intermediate Showmanship (10-13)
503. Senior Showmanship (14-18)
504. Market Meat Goat
505. Meat Goat Rate of Gain . Meat goats weighed at Coffey County Spring weigh-in are eligible to compete for meat goat rate of gain (Need to fill out entry card)
506. Doe kids born after January 1, current year
507. Yearling does
508. 2 year old and older does

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509. Coffey County Born Market Goat (limit of one entry per exhibitor)

**SECTION 6 - HORSE**

**Division A - Stock Type Horses**

**Division B - Non-Stock**

**Division C - Ponies**

Horses will be entered and judged according to type (i.e. STOCK TYPE includes but not limited to Quarter Horse, Paint, Palomino, Buckskin, Appaloosa. NON-STOCK TYPE: Arabian, Morgan, Thoroughbred, American Saddlebred, Tennessee Walker. PONIES are horses (less than 56") If 3 or more individuals of a breed are entered, a separate breed class will be made.

1. Base date for computing the age of horses shall be January 1 of the year it was born.
2. Kansas 4-H Horse Show Rules will be in effect. Class descriptions and guidelines can be found in the 4-H Horse Shows and Events Handbook available at the Extension Office.
3. All 4-H horses must have a Kansas 4-H Horse ID form including picture, filled out and turned into the Extension Office by May 1<sup>st</sup>
4. Horses must be pre-registered in classes entered at Co Fair animal pre-entry deadline.
5. NO Stallions over one year of age allowed on the Show grounds
6. All exhibitors should dress themselves in good working attire representative of that worn by horsemen and horsewomen in the respective classes. Long pants and long-sleeved shirt or blouse, western hat and western boots must be worn in western classes. NO CAPS. Gloves, ties, jackets spurs and chaps are optional.
7. Entrants participate and horses entered at individual's / owner's own risk.
8. Horses shall meet the current general requirements as set forth by the KDA Division of Animal Health. A negative test for equine infectious anemia (Coggins Test) within 12 months prior to exhibit is encouraged and should be considered, but is not required by KDAH and therefore is not required to exhibit at the Coffey County Fair.
9. Horseless Horse project members that have been working with another individual's horse and have properly IDed that horse may compete in the showmanship and riding classes. They may not enter in the halter conformation classes.

**SHOWMANSHIP**



Class

- 601. Jr. Showmanship (7-9)
- 602. Int. Showmanship (10-13)
- 603. Sr. Showmanship (14-18)

**HALTER CLASSES**

Horses are entered and judged according to type

Class **Horses**

- 604. Horse Colt foaled in current year
- 605. 1-2 yr old geldings
- 606. 3 years and older geldings
- 607. Filly foaled in current year
- 608. 1-2 yr old fillies
- 609. 3 years and older mares

**Ponies 56" and Less**

Class

- 610. Horse Colt foaled in current year
- 611. 1-2 yr old geldings
- 612. 3 years and older geldings
- 613. Filly foaled in current year
- 614. 1-2 yr old fillies
- 615. 3 years and older mares

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**PERFORMANCE CLASSES**

Class

- 616. Walk Trot Pleasure (7-9)
- 617. Walk Trot Pleasure (10-18)  
*(May enter walk-trot **OR** pleasure but may not enter both)*
- 618. Western Pleasure (14-18)
- 619. Western Pleasure (10-13)
- 620. Western Pleasure (7-9)
- 621. Pony Pleasure - All ages
- 622. Western Horsemanship (14-18)
- 623. Western Horsemanship (10-13)
- 624. Western Horsemanship (7-9)
- 625. Trail (14-18)
- 626. Trail (10-13)
- 627. Trail (7-9)
- 628. Reining (14-18)
- 629. Reining (10-13)
- 630. Reining (7-9)
- 631. Pole Bending (14-18)
- 632. Pole Bending (10-13)
- 633. Pole Bending (7-9)
- 634. Barrel Race (14-18)
- 635. Barrel Race (10-13)
- 636. Barrel Race (7-9)
- 637. Flag Race (14-18)
- 638. Flag Race (10-13)
- 639. Flag Race (7-9)

**SECTION 7 – DOGS, CATS, & HAND PETS**

1. 4-Hær must be currently enrolled in any or all of the above projects.
2. Animals must be on a leash, a closed kennel, fish in bowls, bird in cage or other safe carriers.
3. Animals must have been cared for by exhibitor for at least 4 months prior to fair.
4. Animals will be brought only during show time and removed from exhibit area afterwards.
5. Animals will be judged on thriftiness, clean and presentable and disposition. Also the creativity of the exhibitor.
6. Open class entries also eligible in this section but they need open class number and are judged separately from 4-H.

**Division A- Dogs**

1. Dogs must have proof of current Rabies, Bordatella, Distemper, Hepatitis, Parvo, Parainfluenza, which must be presented day of show to be eligible to compete.

2. Any abuse of animals on grounds or in the ring will result in disqualification.
3. Fouling in ring - automatic disqualification.
4. No dog in season will be allowed to show.
5. State 4-H Immunization Card must be presented except in Open Class.

**Classes:**

701. Showmanship
702. Puppy (1 year or under)
703. Pre novice
704. Novice
705. Graduate Novice

**Division B- Cats**

1. Bring dated vet certificates to check in. RECOMMENDED VACCINATION SCHEDULE: Rabies ó 4-6 months (Mandatory for show) Current Animal booster. Cat Distemper and Upper Respiratory Disease ó 8 weeks ó vaccination ó current animal booster. 12 weeks ó booster (Strongly recommended for show) No kittens 4 months of age or younger nor nursing queens will be allowed to show due to the health and safety of your cat and the other cats at the show.

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2. You will be showing at your OWN RISK. It is DANGEROUS to bring your cat into a group of cats such as the cat show because they can very easily be exposed to fatal diseases.
3. No more than two entries per person.

**Division C – Hand Pets/ Aquarium**

(One entry per species)

**SECTION 8 – POULTRY**

**See General Rules P. 8-11**

**Division A - Poultry**

1. *All poultry except waterfowl exhibited must show proof that they are pullorum-typhoid clean by an approved method including presentation of VS form 9-2, VS Form 9-3 or being Pullorum Tested prior to entry day of the Coffey County Fair. Pullorum testing we be scheduled for 4:00 to 6:00 p.m.at , the 4-H Building at the Fairgrounds. Date to be determined*

**Class**

801. Standard Breeds ó Large Fowl - One young bird of either sex
802. Standard breeds ó Large Fowl ó One old bird of either sex
803. Standard Breeds ó Bantams ó One young bird of either sex
804. Standard Breeds ó Bantams ó One old bird of either sex
805. Production Pullets - Pen, 3 Standard bred, Crossbred or Strain cross pullets to be judged on egg production qualities only.
806. Production Hens ó Pen, 3 Standard bred, Crossbred or Strain cross hens to be judged on egg production, qualities only.
807. Dual Purpose pullets ó Pen, 3 Such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
808. Dual Purpose Hens ó Pen, 3 Such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
809. Meat-type Chickens-Pen, 3 Standard bred, crossbred, or stain cross birds of the same sex to be judged on meat production qualities only.
810. Turkeys, all breeds ó 1 bird of either sex.
811. Ducks, Call or Bantam, all breeds ó 1 bird of either sex
812. Geese, specify breeds ó 1 bird of either sex.
813. Peacocks (one bird either sex) Champion and Reserve Champion pen.

**Showmanship**

814. Junior (7-9)
815. Intermediate (10-13)
816. Senior (14-18)

**Eggs**

**Class**

- 817. Dozen White eggs
- 818. Dozen Brown eggs
- 819. Dozen Blue or green eggs
- Division B- Pigeons**
- 820. Pigeons (identify breed on entry card)
- 821. Pigeon Showmanship

**SECTION 9- Rabbits**

**Division A- Dutch**

**Division B- Holland Lop**

**Division C- Jersey Wooly**

**Division D- Mini Lop**

**Division E- Mini Rex**

**Division F- Mini Satin**

**Division G- Himalayan**

**Division H- Netherland Dwarfs**

**Division I- Crossbreds**

**Division J- All Other Breeds (AOB)**

1. All rabbits shown must be owned and in the possession of the owner by **May 1** of the current year.

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2. All rabbits, fur classes and showmanship must be pre- entered by the deadline, set forth by the Coffey County Extension Office.
3. Each rabbit is to be legibly and permanently tattooed in its left ear for identification, Tattooed number on entry card.
4. Only one entry per class, per variety, per breed may be shown. (Example: May show one Junior New Zealand White doe, one junior New Zealand Red doe, and one junior New Zealand Black doe.)
5. There must be **3 individuals of a particular breed** (including those listed above) pre-entered in order to create a breed class for the show. Otherwise rabbits will be shown together in the AOB class and judged according to their breed standard as listed in the ARBA "Standard of Perfection."
6. There must be **3 individuals of a particular variety** within a given breed pre-entered in order to create a particular variety split within a breed class.
7. All rabbits will be divided into age classes; junior, 3-6 months; Intermediate, 6-8 months and senior. Show order will begin alphabetically by variety and then rabbits will show by age class within each variety.
8. All 4-Hers must be present to carry their animal to the show table in Showmanship classes. Unforeseen circumstances will be dealt with on a case by case basis.
9. All 4-Hers are responsible to clean cages, watering & feeding their rabbits at least daily to help contribute toward club herdsmanship trophy effort.
10. Fur classes will be divided as necessary.
11. Fur entries must be made from rabbits that are entered in the regular breed classes.
12. Exhibitors are to provide their own feed and care for the rabbits during the fair.

**Class**

901. Junior buck ó Under 6 months of age.
902. Intermediate Buck 6-8 months (only breeds of American, Angora Giant, California, Champagne, Checkered Giant, American Chinchilla, Giant Chinchilla, Flemish Giant, English Lop, French Lop, New Zealand, Cinnamon, Palomino, Satin, Silver Fox, Beveren, Crème D'Argent, Blanc de Hotot).
903. Senior Buck- Six months and over. (see breeds from class 902).
904. Junior doe ó under 6 months of age.
905. Intermediate doe 6-8 (see breeds from class 902)
906. Senior doe ó 9 months of age and over (see breeds from class 902).
907. All Crossbred Rabbits. (Not State Fair Eligible)

908. Meat pen ó Three rabbits, all one breed and variety, minimum weight, 3 pounds eachø maximum weight 5 pounds each. Will be judged on the meat qualities, condition, and uniformity. (Not over 70 days of age)

#### **Fur Classes**

- 911. Normal white fur
- 912. White Satin fur
- 913. White Rex fur
- 914. White wool
- 915. Normal colored fur
- 916. Colored Satin fur
- 917. Colored Rex Fur
- 918. Colored wool

#### **Showmanship**

- 919. 7-8 Year old Exhibitor
- 920. 9 -11 Year old Exhibitor
- 921. 12 ó 14 Year old Exhibitor
- 922. 15 ó 18 Year old Exhibitor

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### **SECTION 10 – CLOTHING**

**Judging will be July 11, 2017 at  
4:00 p.m. at the  
4-H Building**

#### **Clothing Construction**

1. Read General Rules and June 4-H newsletter.
2. All work must be the product of the current 4-H year.
3. Articles, garments, outfits may have been used/worn but should be carefully laundered or cleaned before being exhibited.
4. Exhibitors may enter up to 5 articles/ garments entries. (if top & bottoms are to be worn together, it is considered 1 article/garment.)
5. Identification Label: A) Type or print on 3ø x 2 ½ø piece of cloth: Class Number, County, and Exhibitor Name. B) Sew label on inside of garment (back of neck, center back of waistband, or left end of apron band). Label each piece. **No straight pins may be used to attach labels.**
6. Pre-cut kits are acceptable in all clothing classes/ all articles/garments must be finished for use.
7. The exhibitor is encouraged to attach an index card or photo, no larger than ø3x5ø with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know.
8. 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.
9. Educational exhibit classes. Share with others what you learned in this project. Exhibits may be in the form of a poster, notebook or display. Follow copyright laws. If the exhibit is a poster, it must not be larger than 22ø x 28ø. If the exhibit is a display, maximum size is a 2øøø tri-fold display board. Name and county must be clearly marked on educational exhibits.
10. Recycled Clothing Project ó An item made of at least 50% recycled material (recycled means reusing an existing item in a new way). Could be remaking/redesigning a garment, repurposing a clothing item for a new use, etc. Must include sewing of some kind. An index card (no larger than 4øx6ø) MUST accompany entry describing the recycled materials and how they were used in the item.

#### **Clothing Classes**

- Class 1001: An article, garment, or exhibit constructed by a 7-9 year old exhibitor.
- Class 1002: Educational exhibit prepared by a 7-9 year old exhibitor
- Class 1003: Recycled Clothing Project by a 7-9 year old exhibitor

Class 1004: An article, garment, or outfit constructed by a 10-13 year old exhibitor

Class 1005: Educational exhibit prepared by a 10-13 year old exhibitor

Class 1006: Recycled Clothing Project by a 10-13 year old exhibitor

Class 1007: An article, garment, or outfit constructed by a 14-18 year old exhibitor

Class 1008: Educational exhibit prepared by a 14-18 year old exhibitor

Class 1009: Recycled Clothing Project by a 14-18 year old exhibitor

Class 1010: An article, garment or outfit representing dress for the Western Heritage project, constructed by an exhibitor

### **Clothing Construction Revue**

Judging will be Tuesday July 11, 2017 at the 4-H Building. Construction Revue begins at 4:00 p.m. Buymanship Revue begins at 4:30 p.m., or directly after the Construction Revue.

Only two garments may be styled per revue.

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All garments must be current 4-H year product. Anyone is welcomed to attend. Order will be sent out via email the week before the Fashion Revue and will be posted at the event.

This year we will again display all constructed entries at the fair. On entry day (Wednesday) entries will be accepted and put out on display with ribbons. You must include the script with picture for display. This needs to be included with your outfit on a hanger in a clear bag (available at the Extension Office). **You do not have to have this piece at the Fashion Revue on July 11.** We only need the script on July 11. If participant has been selected for Parade of Purples they will be able to get their outfit Friday evening starting at 4:00. Ribbons will **not** be handed out on the day of the revue. Ribbons will be attached once the item/s are brought back to display at the fair.

### **Pre-enter on entry card, turned in by the pre-entry deadline, is required.**

All outfits to be modeled require a description card or script the day of event. The description should be no more than 50 words and can be read aloud in 30-40 seconds. Call backs (purples) will model at fair Friday, July 21 in the Grandstands following the Sweet 6 & 16. The champions will be announced at that time.

### **Clothing Construction Modeling Classes:**

Class 1011: An article, garment, or outfit, modeled by a 7-9 year old exhibitor

Class 1012: An article, garment, or outfit modeled by a 10-13 year old exhibitor

Class 1013: An article, garment, or outfit modeled by a 14-18 year old exhibitor

### **Buymanship**

Judging will be Tuesday, July 11, at the 4-H Building. Construction Revue begins at 4:00 p.m. Buymanship Revue begins at 4:30 p.m., or directly after the Construction Revue.

Only two garments may be styled per revue for every 4-Her.

All garments must be current 4-H year product. Anyone is welcomed to attend. Order will be sent out via email the week leading up to the Fashion Revue and will be posted at the event.

### **Pre- entry is required.**

Call backs (purples) will model at the fair, Friday, July 21, in the Grandstands following Sweet 6 & 16. Champions will be

announced at that time. Buymanship classes will only be judged during modeling at the revue.

This year we will again display all the Buymanship outfits at the fair. On entry day (Wednesday) entries will be accepted and put out on display with ribbons. You must include the script with picture for display. This needs to be included with your outfit on a hanger in a clear bag (available at the Extension Office). **You do not have to have this piece at the Fashion Revue on July 11.** We only need the script on July 11. If participant has been selected for Parade of Purples they will be able to get their outfit Friday evening starting at 4:00. Ribbons will **not** be handed out on the day of the revue. Ribbons will be attached once the item/s are brought back to display at the fair.

Girls Buymanship: attach an 8 ½ x 11 sheet of paper (preferably unfolded in a clear plastic page protector or folder), using string to hang it on the hanger. Include also, cost, fiber content, care instructions, and accessories to be worn with the outfit. Include a picture of the 4-H member in the outfit.

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Class 1015: Casual dress- Simple dress, jeans, blouses, & skirts purchased by a 7-9 year old

Class 1016: Casual dress- Simple dress, jeans, blouses, & skirts purchased by a 10-13 year old

Class 1017: Casual dress- Simple dress, jeans, blouses, & skirts purchased by a 14- 18 year old

Class 1018: Sportswear purchased by a 7-9 year old

Class 1019: Sportswear purchased by a 10-13 year old

Class 1020: Sportswear purchased by a 14-18 year old

Class 1021: Business professional attire purchased by a 7-9 year old

Class 1022: Business professional attire purchased by a 10-13 year old

Class 1023: Business professional attire purchased by a 14-18 year old

Class 1024: Formals or party dresses purchased by a 7- 9 year old

Class 1025: Formals or party dresses purchased by a 10-13 year old

Class 1026: Formals or party dresses purchased by a 14-18 year old

**Boys Buymanship:** Same rules as Girls Buymanship.

Class 1028: Dress for school, either indoor or outdoor wear (shirts, jeans, no ties or sweaters) purchased by a 7-9 year old

Class 1029: Dress for school, either indoor or outdoor wear (shirts, jeans, no ties or sweaters) purchased by a 10-13 year old

Class 1030: Dress for School, either indoor or outdoor wear (shirts, jeans, no ties or sweaters) purchased by a 14-18 year old

Class 1031: Casual Dress (jeans slacks, shirts, sweaters, ties) purchased by a 7-9 years old

Class 1032: Casual Dress (jeans slacks, shirts, sweaters, ties) purchased by a 10-13 years old

Class 1033: Casual Dress (jeans slacks, shirts, sweaters, ties) purchased by a 14-18 years old

Class 1034: Sport outfit (jacket and slacks need not match, sweater, shirt) purchased by a 7-9 year old

Class 1035: Sport outfit (jacket and slacks need not match, sweater, shirt) purchased by a 10-13 year old

Class 1036: Sport outfit (jacket and slacks need not match, sweater, shirt) purchased by a 14-18 year old

Class 1037: Best dress Suit (matching jacket and trousers, 2 or 3 piece) purchases by a 7-9 year old

Class 1038: Best dress Suit (matching jacket and trousers, 2 or 3 piece) purchases by a 10-13 year old

Class 1039: Best dress Suit (matching jacket and trousers, 2 or 3 piece) purchases by a 14-18 year old

## SECTION 11 – CROPS

### Division A- Corn

(10 head exhibit, variety should be named)

#### Class

- 1101. Yellow
- 1102. White
- 1103. Popcorn

### Division B- Sorghum

(10 head exhibit, variety should be named)

#### Class

- 1104. Hybrid Grain Sorghum
- 1105. Other Grain sorghum varieties
- 1106. Hybrid Forage Sorghum ó entire plant, no roots
- 1107. Other varieties of Forage Sorghum- entire plants, no roots.

### Division C- Other

Note: All classes calling for a gallon sample, wheat, oats, barley, alfalfa, brome grass, soybean or edible field bean, any have a 2½ - 3 inch diameter cylinder placed in a glass gallon container to reduce the amount of grain to about 3 quarts.

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#### Class

- 1108. Soft red winter wheat. Variety or hybrid must be named.
- 1109- Hard red winter wheat. Variety or hybrid must be named.
- 1110- Hard white wheat. Variety or hybrid must be named.
- 1111- Oats: Exhibit to consist of one gallon sample. Variety must be named.
- 1112- Barley: Exhibit to consist of one gallon sample. Variety must be named.
- 1113- Alfalfa: Exhibit to consist of one gallon sample. Variety must be named.
- 1114- Alfalfa: Exhibit to consist of 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.
- 1115- Grass Hay: 10 inch flake or slice, six inches thick and tied in two directions. Variety must be named.
- 1116 ó Brome Grass: Exhibit to consist of one gallon sample of seed
- 1117 ó Other Tame Grasses: Exhibit to consist of one gallon sample of seed.
- 1118 ó Soybeans: Exhibit to consist of one gallon sample of seed from most recent harvest. Variety must be named.
- 1119 ó Soybeans: Bundle of five plants from most recent harvest. Variety must be named.

### Division D- Sunflowers

- 1120. Confectionary heads: 3 heads must be submitted.
- 1121. Confectionary seeds in jar: 1 gallon must be submitted.
- 1122. Oil seed heads: 3 heads must be submitted.
- 1123. Oil seeds in jar: 1 gallon jars must be submitted.

## SECTION 12- EDUCATIONAL OR INFORMATIONAL

(Talks, Booths, Miscellaneous Forestry)

### Division A- Demonstration & Illustrated Talks

1. Demonstrations and illustrated talks may be given by a team or individual. *Teams are limited to two people at the Kansas State Fair, but are not limited at the County fair.*
2. A demonstration shows a step by step procedure, and explains why each step is essential to develop a particular skill or task. The Illustrated Talk incorporates the use of visual aids (posters, technology supplies, equipment, etc.) that describes the process of the topic being discussed. An informative talk (project talk) using illustrations is NOT a demonstration or illustrated talk.
3. Length of demonstration: The presentation should be of sufficient length to cover the topic adequately, 3 minutes minimum and 20 minutes maximum.

4. All entries shall be made on a blank, official entry card at the Extension Office. **Pre-entry is required.**
5. Maximum 2 demonstrations per class per member.
6. Individuals and teams will be notified the time of demonstrations.

Scoring Breakdown: Introduction (10 pts); Appearance (10 pts); Presentation (30pts); Subject Matter (30 pts); Visual and/or equipment (10 pts); Summary (10 pts). **Total: 100 points**

Demonstration/Illustrated Talks Classes:

- Class: 1201: Junior Division (Age 7-9)  
 Class 1202: Intermediate Division (Age 10-13)  
 Class: 1203: Senior Division (Age 14-18)

**Division B – Booths, Banners**

1. Only one booth or banner may be entered from each club.
2. Each booth is to illustrate or demonstrate some phrase of 4-H Club work.
3. Exhibited material should be grown or made by club members from the current 4-H year.

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4. Items must be labeled.
5. Booths should be card table size.
6. All banners must have D hooks at the top (one at each end) for hanging.
7. Exhibit must be completed and in place by 1:00 p.m. Wednesday.

Scoring Breakdown: General Appearance and Attractiveness (20 pts); Initiative and Originality (20 pts); Quality of display material (20 pts); Educational Value (40 pts); Total (100 points).

**Description of Banners**

1. 4-H Clubs may enter a 4-H Club Booth and/or 4-H Club Banner.
2. Banners should illustrate a phase of 4-H work which is being practiced by youth in 4-H or promote 4-H generally.
3. Banners are two dimensional displays, depicting one idea. Banners should be made out of flame- resistant material. Banners must be hung on a rod strong enough to support the banner. **BANNERS ARE NO LONGER ALLOWED FOR DISPLAY AT THE KANSAS STATE FAIR.**
4. Banners must be made of materials that permit the banner to be folded or rolled without damaging the display. Three dimensional objects may not be attached to the banner.
5. A label is to be attached to the front lower left-hand corner (as your face it) of the banner giving the name of the club, county and year. Letters should be 2 inches in height
6. Avoid using copyrighted materials.
7. Dimensions are to be no less than 12 and no more than 16 square feet, with no sides less than 3 feet.

**Booth and Banner Classes:**

- Class 1204: Club Booth  
 Class 1205: Club Banner  
 Class 1206: Other Booth

**Division C- Miscellaneous Educational Exhibits**

Exhibits may include notebooks or tri-fold displays not exceeding 36x48 in size. One entry per class, unless otherwise noted. **All posters and displays must be pre-entered by 5:00 p.m. on June 28th. Notebooks do not need to be pre-entered.** **Note: The state fair does not have a division for notebooks and displays.** These exhibits may only be exhibited in other divisions that have special classes for displays and notebooks such as foods and shooting sports. For more information, check the Kansas State Fair handbook or the Extension office.



Exhibits will be judged on contents, organization, appearance/craftsmanship, spelling/grammar, and creativity. Notebooks should include: introductory page with 4-Her's basic information and information about the project/experience being documented. Other items to include: pictures with captions, journal entries, handouts or brochures, or anything else relevant to the exhibit. Points to emphasize in the exhibit: learning goals and objectives, why the project was relevant to the 4-Her, and pictures or other means of documenting the experience.

KAP notebooks are not eligible. Conference judging is optional for classes 1212-1225. Classes 1207-1211 are not eligible to conference judge. If a 4-Her wishes to conference judge, he may sign up for a time Wednesday morning as he sets up his display. Conference judging will begin at 1:00 pm Wednesday.

**Classes:**

- 1207. Secretary's book
- 1208. Treasurer's book
- 1209. Junior leader's notebook
- 1210. Reporter's notebook
- 1211. Historian's book
- 1212. 4-H Tractor/Auto Care/Restoration project
- 1213. Citizenship

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- 1214. Leadership
- 1215. Communications
- 1216. Reading
- 1217. Performing Arts
- 1218. Exploring 4-H
- 1219. Health & Wellness
- 1220. Family Studies
- 1221. Self-Determined
- 1222. Educational travel/field trip
- 1223. Recipe File in a notebook of your choosing. For each recipe: give name, ingredients and processes used. Tell how it was served. How long did it take and the cost and number of servings. Also give any special stories or memories associated with your recipe and how well you like it. Maximum for exhibit: 7-9 yrs old: 4 recipes; 10-13 yrs old: 7 recipes; 14-18 yrs old: 10 recipes.
- 1224. Notebook or exhibit for any project not already in fair book (limit 1 per exhibitor)

**Division D - Shooting Sports**

1. A member may make only one entry in this division.
2. Shooting Sports Educational Display (must be directly related to the 4-H Shooting Sports Project.) Must be the standard tri-fold size: 36" wide and 48" tall. Shooting Sports Promotional Posters (must promote 4-H Shooting Sports project). Must be flat and no larger than 22" x 30". Exhibits violating these size guidelines will be docked one ribbon color at the Kansas State Fair.
3. Exhibitors must comply with state and federal laws and fair policies. No live ammunition containing propellant or explosive powders may be used in any display! Artistic substitutions must be used instead of powder and live ammunition, label artistic substitutes on back for clarification.
4. Name, county, age and year in project should be on the front of the poster or display.
5. Exhibits will not be accepted if they are related to reloads.
6. Displays will be judged on the following points:

Stopping	Power	(15)
Interest	Holding	Power (15)
4-H	project	Application (15)
Mechanical	Power/Craftsmanship	(5)
Personal	Growth	(25)
Educational	Value	(25)
Total Points: 100		

Posters will be judged on the following points:

Stopping Power (30)	
Interest, Holding Power (30)	
4-H Project application (25)	
Mechanical power/Craftsmanship (15)	
Total (100)	

**Classes:**

1226: Shooting Sports Educational Display- Must be directly related to the 4-H Shooting Sports Project (standard tri-fold boards only, no larger than 36x48).

1227: Shooting Sports Promotional Poster- Must promote 4-H Shooting Sports (Flat poster no larger than 22x30)

1228: Shooting Sports Target Exhibit; A ó Archery; BB-BB Gun; AR- Air Rifle; SB- Small Bore Rifle (*no KSF exhibit*)

**Division E- Forestry**

1. All Leaf exhibits are to be mounted on 8.5x 11 heavy stock paper and placed on loose-leaf binders. (Magnetic or adhesive filler sheets for photographic prints are recommended.) Twigs and fruit collections may be exhibited in whatever manner you choose (maximum exhibit size 2x 3)
2. Name, club, age and year in project should be on front cover or in a prominent location.

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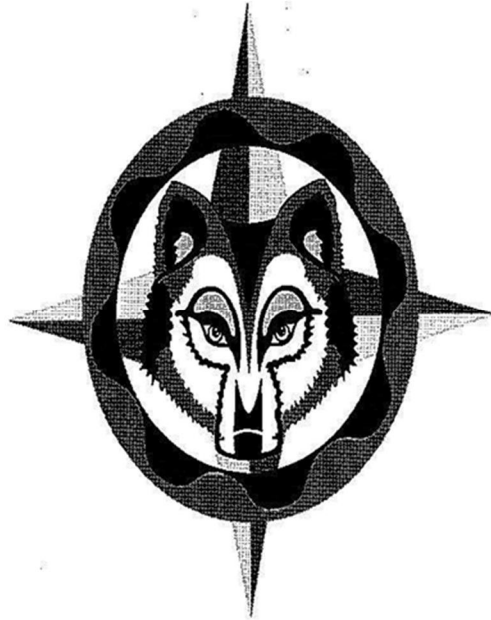


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3. Leaves should be identified with an appropriate label located near the leaf on the same page. Labels should include (1) proper common name as listed in 4-H Bulletin 334, "List of Native Kansas Trees"(2) Location (city and/or county where collected and (3) date (day, month, year) collected.
4. Intermediate Forester " Exhibit only in phase(s) enrolled.
5. Senior Forester enrolled in Self- Determined can exhibit in Self Determined Forestry at the State Fair.
6. Divide Specimens into the following two sections: Native Kansas Trees, and Non-Native Trees.
7. New Specimens are those specimens collected during the current 4-H year and cannot be duplicate tree species of previously displayed specimens.
8. Group specimens according to the years collected (ex. "old-previous years" and "new").
9. Variations of varieties do not count as different species or specimens.
10. When replacing previously displayed samples, due to degradation, improper mounting or incorrect identification, the specimen label must also be updated. Replacements do not count as new specimens. Replacements should be displayed in the "old previous" section of the display.
11. If you retrieve information for your forestry exhibit, you must include a reference citation to the source.
12. In all leaf collections (Division A " Intermediate Forester), exhibit one complete leaf where possible. Where leaf is too large, exhibit as much terminal portion as possible. Sketch in reduced scale the entire leaf to illustrate where the exhibited portion comes from. Note: A "leaflet" is incorrect when displayed as the complete leaf for the tree.
13. All work must show originality. Leaf collections and displays should not closely resemble work done by others in the same club.

**INTERMEDIATE FORESTER**  
**Knowing Trees as Individuals**  
**(Leaf Collections\*\*)**

**Class 1229 Beginning** (Choose either A or B)

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.

**Class 1230 Intermediate** (Choose either A or B)

A. 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.

**Class 1231 Senior** (choose either A or B)

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 different native Kansas trees showing leaf, twig and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.

**Class 1232 Advanced** (choose either A or B)

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. This exhibit must include 10 new leaf, twig and fruit specimens.

### **How a Tree Grows**

**Class 1233:** Display ó Entry may include a project notebook with 10 or more seeds collected with pictures showing a 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 exhibits an illustration of how a tree grows.

### **Tree Appreciation**

**Class 1234:** Display ó Entry may include a research or reporting project 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 you about the tree you have selected.

### **SR. FORESTER**

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

**Class 1235:** Display- requires project notebook telling about project and pictures before, during and after planting seedlings. Maximum tri-fold size is 3ø4ø

#### **Tree Culture**

**Class 1236:** Display ó requires project notebook showing your project work and includes pictures of before during and after woodlot improvement. Maximum tri-fold size is 3ø4ø

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

**Class 1237:** 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 3ø 4ø tri-fold. Essay should be displayed in a covered binder.

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

**Class 1238:** Display- Exhibits must be directly related to tree identification or Forestry. Type of exhibit is open (notebook, poster, collection box, etc.) given a maximum tri-fold size of 3ø4ø. This is a good class to exhibit an unusual collection.

### **SECTION 13 – 4-H ENERGY MANAGEMENT**

1. Only those who have met the requirements of the Electric, Small Engines or Wind Energy projects are eligible to exhibit in this section.
2. No exhibitor may enter more than one article in each class. Label each article giving owner's name, address, name of article and class. A typewritten identification tag placed with masking tape or tied to the exhibit is preferred.
3. Article may be used, but if so, should be cleaned before exhibiting.
4. Sheet of operating instructions must be furnished for any exhibit not self-explanatory.
5. Electric projects must be operable using only 110 or 120 AC or battery power. Batteries must be supplied.
6. No hand dipped solder may be used on exhibits.
7. Each exhibit must have a scorecard (available at the Extension office) completed and securely attached.

#### **Division A- Electric/ Electronics**

##### **Class**

**1301. AC Electric Projects.** Electric Projects with only a 110 or 120 V alternating current (AC) power source. Some projects examples are household wiring demonstrations, small appliances, extension cords, trouble lights, indoor and 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 access to examine the quality of workmanship.

**1302. 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 doorbell switches. All DC electric projects must work with batteries supplied by the 4-Her. Projects must be constructed so that the judges have access to examine the quality of wiring workmanship.

**1303. 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 instructions/assembly manual if from a kit. Include plans if an original project. Projects must be constructed so that the judges have access to examine the quality of wiring workmanship.

**1304. Educational Displays and Exhibits.** Projects which DO NOT have a power source, i.e. exhibits, posters, or displays of wire types, conduit types, electrical safety, tool or motor parts identification and exhibits must be legible from a distance of four feet.

#### **Division B – Small Engines**

##### **Class**

1305. Educational Display Board ó a) engine parts and/or function b) engine overhaul tools & function

1306. Operations - Complete operable overhauled engine (less than 20 HP)

1307. Maintenance Display ó Illustrates routine maintenance or trouble shooting specific problems

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

##### **Class**

**1308. 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.

**1309. Experiment** – Display an experiment addressing a problem or question related to power generated from a renewable energy source. Include hypothesis, background research, variables, a control, data, findings, conclusions and recommendations for future study.

### **SECTION 14 – ENTOMOLOGY**

#### **Special Rules**

1. A 4-H member may exhibit in the collection and/or educational class for the phase in which they are enrolled.
2. All entries are required to be placed in plexiglass covered, wooden boxes with outside measurements of 18x24x 3 1/2" .. See specific phase for box and specimen number limitations. Boxes with glass covers will not be accepted.
3. Each exhibitor is required to identify each box by placing an identification label bearing exhibitor's name and county and the class. One label goes in the upper left hand 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 length wise.
4. The number of orders, specimens, (and families where required) must be included on the exhibitor's box identification label.
5. Arrangement of specimens: Preferred method is to arrange the insects in groups or rows parallel to the short sides of the box (illustration in 4-H 829.) (Arrangements that run lengthwise of the box are frequently downgraded in judging.) Specimens are to be arranged in box according to Order. Begin with the more primitive orders first (Collembola) and follow the sequence used in Insects in Kansas (revised 2000).

6. For each collection class, two labels will be entered on the pin beneath each specimen. First (closest to the specimen) is the common name label and the second label is a date/locality label.

### **Educational Classes**

Educational displays are to be exhibited in one standard size insect box and identified by use of an identification label as discussed above. It is to include the exhibitor's name, county, and class. Information on numbers and kinds of insects is not needed for educational exhibits.

Displays may consist of specialized groups of insects, or relate to any aspect of insect life. Displays should be presented in a clear, concise, and interesting manner.

1. Educational classes are limited to one standard box and a maximum of 150 specimens, and work performed during the current year. Title of the exhibit should be indicated inside the box.

2. Purpose of the project is to learn more about the importance, life cycles, biology, ecology, diversity, etc. of insects and related arthropods. Subject matter can be varied as the animals themselves.

### **Introductory Entomology**

#### **Class 1401 – Not eligible for State Fair**

Collection & Display should consist of at least 15 specimens and no more than 30 specimens, representing at least six orders of insects. Order labels are required and must be pinned to the bottom of the box, a date-locality label is required on each specimen.

Members may exhibit the collection in two cigar boxes that have lids removed and each box covered with clear plastic wrap.

### **Beginning Entomology I**

#### **Class 1402**

Collection - Display in one standard box a minimum of 50 and a maximum of 125 species representing at least 7 orders. Follow general rules listed for all collections. Specimens should be grouped according to order. Order labels should be pinned to the base of the box. Members can exhibit in this class a maximum of 3 years.

#### **Class 1403**

Collection & Display in one standard box a minimum of 75 and a maximum of 150 species representing at least 9 orders. Follow general rules listed for all collections. Specimens should be grouped according to order. Order labels should be pinned to the base of the box. Members can exhibit in this class a maximum of 3 years.

#### **Class 1404**

Beginning Educational Exhibit

### **Intermediate Entomology**

#### **Class 1405**

Collection & Display a minimum of 100 and a maximum of 300 insects representing at least 10 orders. Two standard boxes can be used. All specimens should be grouped to order. Family identification is required for all insects in any two of the following six orders: orders of Orthoptera, Hemiptera, Homopteran, Colleterial, Diptera, and/or Hymenoptera. Observe the number of families identified in these two orders must be recorded on the box identification labels. Families represent subdivisions of order grouping and family labels will be pinned to the bottom of the box to represent subdivisions of the appropriate order. Members can exhibit in this class maximum of 3 years.

#### **Class 1406**

Intermediate Educational Exhibit correct common name. List on back of box what you did this year to improve your project. Members may continue to exhibit in this class as long they remain eligible for 4-H.



## Advanced Entomology

### Class 1407

Collection - Display of a minimum of 150 and a maximum of 450 insects representing at least 12 orders. Three standard boxes can be used. Family identification is required for all insects belonging to the six basic orders outlined under the Intermediate phase. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. All butterflies appearing in the collection should be labeled with the

### Class 1408

Advanced Educational Exhibit

## SECTION 15 - 4-H FOOD NUTRITION

1. Read General Rules and June 4-H Newsletter.
2. A maximum of four exhibits per 4-H member may be entered in the Food Nutrition division plus one entry in the educational exhibit, one entry in food gift package and specialty food in the Food Nutrition section. If a member exhibits in the Food Flop class, that exhibit is **included** in the four exhibit maximum. Complete recipes with ingredients and instructions **MUST** be attached with the entry. Course should appear with the recipe. Exhibits without recipes included will be lowered one ribbon placing.
3. For food safety purposes, any food with custard and dairy-based fillings and frostings (ex. Cream Cheese), raw eggs, flavored oils, canned bread or bread cakes in a jar, cut fresh fruit or any food requiring refrigeration (ex. Bacon) **will not be accepted**. Refer to K-State Research and Extension publication, 4-H888, Judge's Guide for Food and Nutrition Exhibits, for information to help you make informed, safe food exhibit decisions.
4. 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.
5. 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, 1 loaf bread, etc.
6. Under baked entries will be lowered one or more ribbon placings.
7. All unfrosted cakes should be exhibited in an upright position with crust showing, except for those cakes made with special designs such as Bundt cakes. They should have top crust side down.
8. Attach gummed label to bottom of plate with Class Number, Food Product Name, 4-H member's Name, and County. Label templates are available at [http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/foods-and-nutrition/Foods\\_Label.pdf](http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/foods-and-nutrition/Foods_Label.pdf) or make your own with the following information: Class Number, Food Product Name, 4-H member's Name, and County.
9. Any baked product that can be removed from the pan should be placed on a plate, covered cardboard or disposable container.
10. Exhibits should be in food grade plastic bags, disposable plastic containers or boxes. Only the exhibit is judged. The container is not judged.
11. The exhibitor is encouraged to attach 3x 5 index card to give the judge any information which the exhibitor thinks would be helpful for the judge to know.
12. Educational classes: Exhibits may be in the form of a poster, notebook or display. Follow copyright laws as you are preparing your exhibit.

If the exhibit is a poster, it must not be larger than 22ö x 28ö.

If the exhibit is a display, maximum size is a 3öx4ö tri-fold display board. Name and county must be clearly marked on educational exhibits. NOTE: A collection of your favorite recipes in a recipe box or notebook does not constitute as an educational exhibit in this section.

13. One entry in food gift package and specialty food in the Food Preparation Section.
14. A decorated food item must be a food item, not a decorated box. *Decorated special event cakes will no longer be accepted for exhibit at the State Fair.*
15. Dried foods are to be exhibited in the Food Preservation Division.
16. Judging will take place entry day via conference judging.
17. Each club will make a display of their exhibits. Exhibit materials should not block view of exhibits space for security purposes. Theme: öMade in the USAö. Foods judges will judge the tables. Each clubö table must have an entry card with the exhibit in order to receive a premium!
18. Taste of Coffey: Special entry for all Coffey County 4-H members. The Coffey County selection for this year is popcorn.

#### **Food & Nutrition Classes**

Class 1501: For 7-9 year old exhibitorsö a non-perishable food product.

Class 1502: Educational exhibit prepared by 7-9 year olds.

Class 1503: For 10-13 year old exhibitors; a non- perishable food product.

Class 1504: Educational exhibit prepared by 10-13 year olds

Class 1505: For 14-18 year old exhibitors; a non-perishable food product.

Class 1506: Educational exhibit prepared by 14-18 year olds.

Class 1507: Food Gift Package: No alcoholic beverages will be accepted. A food gift package must contain at least 3 different food items (prepared for human consumption), made by the 4-H member in a suitable container, no larger than 18ö x 18ö x18ö. Prepared food items must have recipes attached with the entry. Additional homemade food items beyond the 3 minimum or purchased items may also be included in the gift basket. On a back of an entry card, answer these questions: 1) What is the intended use: 2) What food safety precautions were taken during and after preparation. This entry will count as a non-perishable food product, not as an educational exhibit. Home canned foods must follow Food Preservation rules. Canning jars should not be used for baking per manufacturerö instructions. They could break during baking.

Class 1508: Food Flop Class (any food exhibit).

Class 1509: Taste of Coffey for 2017 will be popcorn.

Class 1510: Modified non-perishable food product. Product must be modified from original recipe to nutritionally enhance the food product. Attach one - 8 ½ X 11 inch page (front and back) that includes Original Recipe, Modified Recipe, and Narrative to describe modifications made, why modifications were made and lessons learned such as nutritive value, or changes in appearance, doneness, aroma, flavor, tenderness and/or texture. Example: a standard blueberry muffin recipe that is modified to make it gluten free. Suggested resources:

Altering Recipes for Better Health-Purdue University:  
<http://www.extension.purdue.edu/extmedia/HHS/HHS-157-W.pdf>

Altering Recipes for Good Health-Texas A&M University:  
<http://fcs.tamu.edu/files/2015/02/altering-recipes-for-good-health.pdf>

Class 1511: 4-H Club Decorated Foods Table- Each Coffey County 4-H Club may assemble one decorated table to display all club member food exhibits. Tables will be judged on craftsmanship, organization, presentation and reflection of the current year's fair theme.

## SECTION 16

### Food Preservation

1. Read General Rules and June 4-H Newsletter. **Please read all rules thoroughly!!! Food safety is of utmost importance in food preservation exhibits. Exhibits violating certain rules may be disqualified for food safety purposes.**

2. All exhibits must have been preserved since the member's previous year's county fair.

3. Recommended recipes and processing methods must be used. Recipes must be from 1995-present. Processing methods that will be disqualified include: open kettle canning, oven canning, and sun canning. **Homemade/untested recipes will be disqualified for food safety reasons.** Recommended recipe resources include:

K-State Research and Extension Food Preservation publications

USDA Complete Guide to Home Canning

So Easy to Preserve, 6<sup>th</sup> edition, The University of Georgia Cooperative Extension Service

Ball Blue Book Guide to Preserving

Ball Complete Book of Home Preserving

All New Ball Book of Canning and Preserving

Canning mixes (i.e. Mrs. Wages, Ball)

Pectin manufacturers (i.e. Sure-Jell, 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 5 Sassy Safe Salsa at Home (<http://www.ksre.ksu.edu/bookstore/pubs/MF3171.pdf>)

MF3172 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>)

4. Alcohol is not allowed as an ingredient in food preservation entries. Entries with alcohol in the recipe will be disqualified and will not be judged.

5. Members may exhibit up to four entries. *At the Kansas State Fair, 4-Hers may only exhibit 2 items in each division, 1 item per class*

6. Each exhibit must have the complete recipe and instructions attached with the entry card, or it will be lowered one ribbon placing. Recipe must include exhibitor name, recipe source, date of publication, and altitude of residence.

7. 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 cover 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 and 24 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.

8. Each jar exhibited must be labeled. The label must not cover brand name of jar. The label must give:

Class Number, Product, Altitude of Residence, Canning Method (water bath, weighted gauge or dial gauge pressure method), Process Time, Pressure (psi), date processed including month and year, Name, and County/District. Templates to make adhesive labels can be found at:

[http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/food-preservation/Food\\_Pres\\_Label\\_Small\\_1x2.58.pdf](http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/food-preservation/Food_Pres_Label_Small_1x2.58.pdf)  
or [http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/food-preservation/Food\\_Pres\\_Label\\_Large\\_2x4.pdf](http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/food-preservation/Food_Pres_Label_Large_2x4.pdf)

9. Hole punch the entry card and use a rubber band to attach the entry card and recipe around the top of the jar.

10. If dried food product is not in a canning jar, it will be lowered on ribbon rating. Suggested amount: 1/3 ó ½ cup, or three or four pieces per exhibit. All meat jerky must be cooked to an internal temperature of 16- degrees F before or after drying. Dried products must include the recipe and preparation steps. Jerky not heated to an internal temperature of 160 degrees F will be disqualified and not be judged. Heating information can be found in "Dry Meat Safely" at Home [www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf](http://www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf)

#### **Food Preservation Classes**

Class 1601: Sweet Spreads (fruits and/or vegetables), Syrups;  
One jar

Class 1602: Fruits, Juice, Fruit mixtures (salsa, pie filling, etc.);  
One jar

Class 1603: Low Acid Vegetables (green beans, corn, or vegetable mixtures); one jar

Class 1604: Pickles, (fruit or vegetable) Relishes, Fermented foods and relishes and chutney; one jar

Class 1605: Tomato/ Tomato Products (tomato juice and tomato salsas); one jar

Class 1606: Meats, One jar

Class 1607: Dried Foods: One small jar.

## SECTION 17 – GEOLOGY AND LAPIDARY

1. The standard size exhibit box should be 18" x 24" X 3 1/2". Plexiglass covers are required. Boxes with glass covers WILL NOT be accepted. All specimens are to be arranged across the narrow (18") dimension of the exhibit box, making the exhibit 18" across the top and 24" deep. If a box has a sliding plexiglass cover, it must be removable from the top. Screws, locks, or other devices that would prevent judges from removing the cover should not be used.
2. 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 plexiglass cover (inside- use clear double-sided tape to adhere gummed labels) and by attaching a label with the same information on the lower right corner of the box (outside.)
3. Exhibitor may enter in both geology and lapidary classes. Exhibitor may show in only one of the first four geology classes (1704, 1705, 1706, 1707) Exhibitor may also show in the geology class 1708 (educational exhibit), 1709 Minerology and in one lapidary class.
4. Geology specimens should be labeled with the number of specimens, date collected, specimen name or description, and locality (county only) where collected.
5. For the geology classes (1704, 1705, 1706, and 1707), specimens should be mounted in the box by proper groups: rocks, minerals, fossils. Fossils must be identified to the phylum, classes and genus level. Genus name is to begin with a capital letter. Species name is all lower case. Genus and species names must either be italicized or underlined, not both. The words "phylum, class, genus" on labels are to be 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 Hays limestone not just limestone,; calcite from the Greenhorn Formation, not just calcite; Phylum: Brachiopoda Class: Articulata Genus: Composita from the Morrill Limestone Member, not just Phylum: Brachiopoda Class: Articulata Genus: Composita).
6. For geology classes 1704, 1705, 1706, 1707 and 1708, all specimens must be collected (not purchased) 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. Other out-of-state specimens will not count in the minimum number for the class, nor will they be considered in the judging.

*(non KSF classes)*

**Class 1701** – Novice Class (7 years old) nine specimens three rocks, three minerals, and three fossils

**Class 1702** – Novice Class (8-9 year olds) 12 specimens four rocks, four minerals, four fossils

**Class 1703** – Novice Class – educational display relating to project work.

*(KSF qualifying classes)*

**Class 1704 – Geology.** Display at least 15 different rocks, minerals, or fossils, at least 5 of each. **Fifteen must be collected during the current 4-H year.**

**Class 1705 Geology.** Display at least 30 different rocks, minerals, fossils, at least 5 of each. **Fifteen must be collected during the 4-H year.** Exhibitor is limited to one exhibit box. This class is open to those exhibiting either first or second time at the fair.

**Class 1706 Geology.** Display at least 45, minerals, or fossils, at least 5 of each. **Fifteen must be collected during the current 4-H year.** Exhibit limited to two boxes. This class is open to those exhibiting either the third or fourth time at the fair. Identify the rocks as igneous, metamorphic or sedimentary. These rock types must be spelled out on labels or have a legible key.

**Class 1707 Geology.** Display at least 60 rocks, minerals, or fossils; at least 5 of each. **Fifteen must be collected during the current 4-H year.** Exhibit limited to two boxes. This class is open to those exhibiting the fifth time or more at the fair. Identify the rocks as igneous, metamorphic or sedimentary. These rock types must be spelled out on labels or have a legible key.

**Class 1708 Geology Educational Exhibit.** 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 Indian artifacts. Exhibit limited to 4 feet of table space. **Care should be taken to use durable materials that will withstand fair conditions.** Exhibitor may show in the class regardless of number of times he or she has exhibited at State Fair or whether exhibitor has entries in classes 1704, 1705, 1706, 1707. Exhibitor may also exhibit in one lapidary class.

**Class 1709 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 (ie: Carbonates, Oxides, Silicates) and at least 3 classes must be represented. The member must use one standard display box (see #1). The specimens must be labeled with the number of the specimen, date collected, name of specimen, county where collected and chemical composition (ie: CaCO<sub>3</sub> for calcite) if known.

#### **Lapidary Classes**

The lapidary will be judged on the following criteria:

- Workmanship & Content í í .60 points
- Presentation & Showmanshipí ...30 points
- Accuracy of informationí í í ..10 points

All lapidary specimens should be labeled with the following information:

- Specimen name
- Place of origin (country, state, or county; county required for Kansas specimens)
- Purchased or self-collected
- Date lapidary treatment began
- Date lapidary treatment completed (Treatment completed after the State Fair is considered a new year specimen).

**Class 1710 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 òbefore and afterö, 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.

**Class 1711 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-Her collect any of these. Locales must be identified. Lapidary work should be done during the current 4-H year.

**Class 1712 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-Her, 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.

**Class 1713 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-Her, 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.

**Class 1714 Lapidary.** Exhibit at least 6 specimens that have not previously been exhibited, which have received lapidary treatment. Lapidary treatment may consist of polishing an 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.

Special lapidary exhibits should be entered in class 1708. Please note that each member is limited to one entry in this class

### **SECTION 18 – 4-H HOME ENVIRONMENT**

Articles may have been used, but if so, shall be carefully laundered or cleaned before being exhibited.

Only articles to be judged may be included in the exhibit. All work of current 4-H year.

A label containing name, address, county and class shall be typewritten on a 1x3 inch piece of white cotton tape and sewn to the article on the underneath side near a corner or edge. In case of furniture, etc. a paper label of the same size is to be pasted or tied to the exhibit. Each piece making up an exhibit must carry a label.

All 4-H Home Environment exhibits shall be accompanied by a brief story in which the member tells about his project.

#### **Division A – Home Environment**

##### **Class**

1800. Single Exhibit: An article made or refinished by the 4-Her for the home. Attach a 3x5 index card explaining how and why the item was made or refinished, costs involved and how it fits into the color and design of the room.

1801. Poster or display: On poster board or 1/4" foam core, no larger than 22x28". Displays are not to exceed standard commercial 3x4 tri-fold display board.

1802. Notebook

*Poster or Notebook may include swatches, colors, stories, photography, and project records which detail what was accomplished this year with a given indication of long-term plans.*

### **SECTION 19 – 4-H HORTICULTURE**

A 4-H member is limited to one exhibit in each of the following classes. Except Class 1929 (other) where exhibitor may enter three.

##### **Classes:**

1900. Garden Display

Each exhibitor in this class will be limited to four square feet of space. Exhibit consists of five different fresh vegetables. Canned vegetables are not acceptable. Only one variety of each type of vegetable may be exhibited. The number of five vegetables to be exhibited are as follows: Large vegetables (one each): Watermelon, Squash, Large Pumpkin, Eggplant, Cabbage, Cantaloupe, or similar size vegetable.

Medium, Vegetables (five each): Cucumbers, Tomatoes, Carrots, Beets, Onions, Peppers, Parsnips, Okra, Irish Potatoes, Sweet Potatoes, Miniature pumpkins, Decorative Gourds, or similar size vegetables.

If small vegetables, such as green beans, waxed beans, English peas or other similar sized vegetables, a dozen is suggested for a good display. Shelled vegetables should not be exhibited.

Quality and condition of exhibit will be considered.

Choose vegetables for exhibit that will hold up well during the fair. Avoid overripe or over-mature specimens. Those that are slightly under ripe or slightly immature when picked may last longer. Helpful tips can be found in the following publications: Exhibiting Fruits and Vegetables (C-405) and Preparing Cut Flowers for Exhibit (4-H 826) available at the Extension Office.

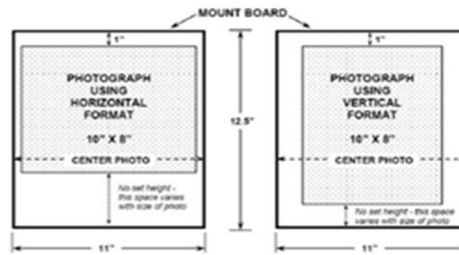
**Class**

- 1901. Plate of 5 standard tomatoes (variety should be named)
- 1902. Plate of 5 cherry tomatoes (variety should be named)
- 1903. 5 red potatoes (variety should be named)
- 1904. 5 white or Russet potatoes (variety should be named)
- 1905. 5 sweet potatoes (variety should be named)
- 1906. Plate of 5 cucumbers (variety should be named)
- 1907. Plate of 12 beans, green snap (variety should be named)
- 1908. Plate of 12 beans, yellow wax
- 1909. Plate of 5 table beets
- 1910. Plate of 5 carrots
- 1911. 1 eggplant
- 1912. 1 cantaloupe
- 1913. Plate of 5 turnips
- 1914. 1 watermelon
- 1915. 1 pumpkin
- 1916. Plate of white onions
- 1917. Plate of 5 yellow onions
- 1918. Plate of Red onions
- 1919. Plate of 5 bell peppers
- 1920. Plate of 5 peppers (other)
- 1921. Plate of 5 okra
- 1922. 1 summer squash
- 1923. 1 winter squash
- 1924. Sunflower
- 1925. House plants, foliage or flowering
- 1926. Garden Flower, single stem (annual)
- 1927. Garden Flower, single stem (perennial)
- 1928. Flower arrangement, fresh flowers
- 1929. Other

**SECTION 20 – 4-H PHOTOGRAPHY**

- 1. Black and white prints and color photographic prints may be exhibited.
- 2. Each exhibitor will be limited to FOUR entries in classes 1-8 with not more than 2 entries per class. Additionally, each exhibitor may enter 1 snapshot series.
- 3. Photographs/images entered must be the result of the current year's project work by the 4-H member. Photos must be taken by the 4-H Member (exhibitor). Plagiarized works will be disqualified.
- 4. Remove white border from the photo print before mounting.
- 5. All photos must be no larger than 8" x 10" and not smaller than 7" x 9" after trimming.
- 6. Photos are to be mounted across the narrow (11") dimension of an 11" x 12.5" sheet of white or cream studio matte board. Mounting boards and protective bags may be purchased at the Extension Office.
- 7. 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-portrait style). The sides of the print must be equal distance from the two sides of the mount.





8. A permanent mount must be made by using photographic adhesive. Using photographic/craft spray adhesives or hot mounting are the recommended mounting methods. Other methods including glue dots and glue sticks are acceptable, but may not give the best results. Double-sided tape and rubber cement are not acceptable adhesives.

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

10. To protect exhibits from dust and moisture, it is recommended to place photos in a plastic bag (these are also available at the Extension Office). Important: these bags must be left open (unsealed) for the judging process! Green cards should be taped to the outside of the bag on the back side.

11. On the back of the mount, write; the exhibitor's name, photo class, location where the photograph was taken and the county name.

12. 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 placing lower than the placing determined by the judge.

13. 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.

14. 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. *A digital composite image is a result of two or more photographs being combined or laid on top of one another. This is NOT a "photoshopped" or "altered" image. If you have questions, contact Clarissa.* Photos will be judged on photographic merit as well as manipulation technique and process. Ribbon placement will be determined by combining the score of each judging section.

15. 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. Black and white combined with an area of color are still classified as a color photo.

16. 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 County or State Fair.

17. 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.

18. Copyright protections must be observed. Taking a photo of a registered trademark is not copyright infringement. However, a photograph of a copyrighted work of art such as a sculpture, or a photo taken be another person; is copyright infringement. See the following resource for more information on what is/is not copyright infringement.

19. Decisions as to display and/or penalize exhibits will be made by the Photography Superintendent and Extension staff.

**Classes:**

**2001-** Color photos taken by 4-H'er with 3 years or less in the project.

**2002** - Color photos taken by 4-H'er with 4-7 years in the project.

**2003** ó Color photos taken with 8 or more years in the project.

**2004** ó Black and white photos ó all levels of experience (Black and white prints only).

**2005** ó Digital Composite Image- photos must be from two or more originals taken by the exhibitor. Exhibitor must include a second 11x12 ½ matte board (Explanation board) mounted with standard size prints of the original photo(s), 3x5 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. Put name and county on the front of the second board. Explanation boards will be displayed along with the finished board. Place both matte boards in the same two gallon plastic bag.

**Snapshot Series**

\* Not eligible for State Fair competition.

**2007** ó Non-adjustable camera, exhibit by 4-Her 7-9 years old.

**2008** ó Non-adjustable camera, exhibit by 4-Her age 10- 13 years old.

**2009** ó Non-adjustable camera, exhibit by 4-Her 14-18 years old.

**2010** – Semi-adjustable camera, exhibit by 4-Her age 7-9 years old.

**2011** ó Semi-adjustable camera, exhibit by 4-Her age 10-13 years old.

**2012** ó Semi-adjustable camera, exhibit by 4-Her 14-18 years old.

**2013** ó Fully adjustable camera, exhibit by 4-Her age 7-9 years old.

**2014-** Fully adjustable camera, exhibit by 4-Her age 10-13 years old.

**2015-** Fully adjustable camera, exhibit by 4-Her 14-18 years old.

**SECTION 21 – 4-H SPACETECH**

*(4-Her's qualifying for State Fair competition should go to the Kansas State Fair Kansas 4-H Exhibitor Handbook for more specific information regarding rules and guidelines pertaining to the various aspects of State Fair Spacetechn exhibition)*

**Division A - Rocketry**

**Special Rules**

Kansas 4-H has adopted the National Association of Rocketry rules, regulations and safety guidelines. **Exhibit Rules for ALL rocketry categories: (as per KSF rules and guidelines)**

Purpose: These rules apply to how rockets are to be displayed at the fair and what those displays should and should not contain. These rules apply to all rockets displayed in the SpaceTech division.

1. 4-H members must be currently enrolled in the 4-H SpaceTech-Rocketry program to exhibit in this division.
2. 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 either a òkitö or a òrocketry educational exhibitö and the second may be entered into any other applicable class.

3. An exhibitor may not enter two rockets in the same class.
4. The report that accompanies the rocket must be limited to the 4-H SpaceTech Rocket Exhibit Information Form which is affixed to a 10" x 13" envelope. This envelope should NOT be attached to the rocket stand or rocket. This may be downloaded from [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com) Any rocket exhibit not including this completed envelope will receive an automatic participation ribbon.
5. Plans (or a photocopy) must be placed inside the envelope.
  - a. This includes original design rockets.
  - b. If a rocket kit has been modified structurally, notations need to be given indicating the changes made, either by notations on the Rocket Exhibit Information Form or by placing notes in the plans.
6. One or more photographs of the rocket at the launch site are required.
  - a. Photographs showing the rocket at the moment of ignition are preferred.
  - b. Photographs must be mounted on one side of 8 1/2" x 11" page(s).
  - c. There must be at least 1 page of photos and no more than 5 pages of photos.
  - d. Include at least one photo showing rocket construction, preferably with the exhibitor included.
  - e. Do not include photos of members catching their rockets as they return to earth. This is an unsafe practice, and we do not recommend or condone this practice.
7. To exhibit in this division:
  - a. The rocket must have been flown.
  - b. Support rods must not extend past the tip of the highest nosecone on the model.
  - c. Support rods must remain in the upright position, 90 degrees to the display base, do not angle. If support rods are not perpendicular to the base, the judge should deduct two ribbon placings.
  - d. No model may be submitted on a launch pad.
8. Launches should not be conducted in winds above 20 mph, and will constitute a disqualification of rocket exhibit.
9. All rockets must have a safe method of recovery, e.g., parachute, streamer or tumble recovery. Any rocket without a recovery system will be disqualified.
10. The altitude achieved by the rocket is to be determined using a method other than estimation. Examples of accepted methods include altimeter, computer software, range finders, etc.

- If additional space is needed to show calculations of how the altitude was achieved one additional page may be added to the rocketry information pack.
11. Flight damage is to be documented by the participant on either the construction plans or the 4-H SpaceTech Rocket Exhibit Information Form.
  12. The judging of flight damage is to be secondary to all other aspects of the model and only then may it even be considered. However under no circumstance may flight damage be grounds for disqualification.
  13. Engines and igniters, under any circumstance, ARE NOT permitted with the exhibit and constitute an immediate disqualification.
  14. If an engine becomes stuck, jammed, wedged, or in any other way permanently affixed in or to a rocket and cannot be removed from the rocket, the rocket will be subject to immediate disqualification. This is because it is not possible to make a full and immediate assessment of the safety of the rocket when it is being judged and safety is paramount.
  15. Engines may not be used as display stands hollowed out or otherwise. **This is a significant change from previous year's rules.** Engines used as a display stand will be subject to immediate disqualification.
  16. Rocket engines should not be used to join multi-stage rockets together.
    - a. Multi-stage rockets can be displayed without having the stages connected together.
    - b. The different stages must be included to complete the rocketry exhibit. Incomplete exhibits will be deducted at least one ribbon placing.
    - c. Use of any engines to join the stages together will be subject to immediate disqualification.
  17. Multi-stage rockets can be flown using just the final stage and be considered fully flown.
  18. 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.

#### **Classes**

##### **Exhibitors 7-9 years old**

**2101** – Rocket made from kit - include plans.

**2102** ó Rocket designed by exhibitor not merely modification of an existing kit rocket- include original plans.

##### **Exhibitors 10-13 years old**

**2103** – Rocket made from kit - include plans.

**2104** ó Rocket designed by exhibitor not merely modification of an existing kit rocket- include original plans.

**2105** - Rocketry Educational Display i.e. Rocketry Notebook or Rocketry Poster Board

##### **Exhibitors 14-18**

**2106** – Rocket made from kit - include plans.

**2107** ó Rocket designed by exhibitor not merely modification of an existing kit rocket- include original plans.

**2108** ó Rocket designed by exhibitor using alternative skins not merely modification of an existing kit rocket- include original plans.

**2109** – High Power Rocket made from kit or original design ó Contact Extension Office for special State 4-H requirements for high power rocket exhibits.

**2110** - Rocketry Educational Display i.e. Rocketry Notebook or Rocketry Poster Board

**Exhibitors 11 and older**

**2111** ó Rocket designed by 2 or more exhibitors, not merely modification of an existing kit rocket. Include original plans.

**Division B – Robotics**

1. 4-H members must be currently enrolled in the Kansas 4-H SpaceTech project to exhibit in this division.
2. Each exhibitor may enter one robot per class. Exhibit must have been constructed and/or completed during the current 4-H year. Each robot must be free-standing, without the need for additional supports in order to be moved or exhibited.
3. Robot dimensions should not exceed 2 feet high, by 2 feet wide, by 2 feet deep. Weight may not exceed 15 pounds.
4. 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.
5. 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.
6. Remote controlled robots are allowed under certain conditions provided that the robot is not drivable. Remote controlled cars, boats, planes and/or action figures, etc. are not allowed.
7. Each robot must be in operable working condition. The judges will operate each robot to evaluate its workmanship and its ability to complete the required tasks for this current 4-H year.
8. Each exhibitor is required to complete the 4-H SpaceTech Robotics Exhibit Information Formö which is available through the Extension office. This form must be attached to the outside of a 10ö x 13ö manila envelope. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
9. The exhibit must include written instructions for operation, construction plans, one to three pages of project photographs or a 5 minute CD, DVD, or video presentation, and robot programming information, if applicable. If using a CD or DVD, exhibitor must bring a laptop or phone to play the disc for judging. However, no exhibitor will be allowed to set up their robot in person. This information should be placed inside the 10ö x 13ö manila envelope mentioned above. The exhibitor may enter their electronic project listed under the electric program as under the SpaceTech robotics project if the exhibitor so chooses.

10. Creativity, workmanship, and functionality will be strong criteria in judging the Robot designed by Exhibitor's classes.
11. Exhibitor's name(s) and county or district must be tagged or labeled in a prominent location on the robot, educational display, notebook, and/or poster board. Sources of scientific information must be cited on the front of your exhibits, including all posters and educational display boards.
12. Educational displays are not to exceed a standard commercial 36 X 48 tri-fold display board. No card board table exhibits will be allowed. Care should be taken to use durable materials that will withstand fair conditions. No electricity will be provided.
13. Educational posters must be no larger than 206 x 306.
14. Team project notebooks must be organized in a 3-ring binder and should highlight information/roles of each team member, drawings, charts, photographs, goals and objectives of your robotics project, and all robotic competitions your team has competed in during the current 4-H year.

#### **Classes**

##### **Novice – One to two years in Robotics Project**

- 2120-Robot made from a commercial (purchased) kit.
- 2121-Robot designed and constructed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.
- 2122-Programmable robot made from a commercial (purchased) kit.
- 2123-Robot designed and constructed by exhibitor, that is operated by a remote controlled device.
- 2124 -Junk Drawer Robotics-based curriculum robot.
- 2125-Robotics Educational Display - Robotics Educational Notebook or Robotics Educational Poster.

##### **Intermediate - Three to Four years in Robotics Project**

- 2126-Robot made from a commercial (purchased) kit.
- 2127-Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.
- 2128-Programmable robot made from a commercial (purchased) kit.
- 2129-Robot designed and constructed by exhibitor, that is operated by a remote controlled device.
- 2130-Junk Drawer Robotics-based curriculum robot.
- 2131- Robotics Educational Display - Robotics Educational Notebook or Robotics Educational Poster.

##### **Professional - Four or more years in Robotics Project**

- 2132-Robot made from a commercial (purchased) kit
- 2133-Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.
- 2134-Programmable robot made from a commercial (purchased) kit.
- 2135-Robot designed and constructed by exhibitor, that is operated by a remote controlled device.
- 2136-Junk Drawer Robotics-based curriculum robot.
- 2137-Robotics Educational Display - Robotics Educational Notebook or Robotics Educational Poster

### **Team Robotics Project**

**Class 2138** - Robot designed and constructed by 2 or more 4-H Space Tech project members which is eligible for the Team Robotics Challenge at the Kansas State Fair, if entered.

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 Space Tech 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 Space Tech website <http://www.kansas4h.org/Events/SpaceTech/> for the current year's task. Click on the KSF Packet link.

**Class 2139** 6 Team Educational Display, poster or notebook.

### **Division C – Astronomy**

1. 4-H member must be enrolled in the Kansas 4-H Space Tech project to exhibit in this division.
2. 4-Hers may enter one exhibit per class.
3. Telescopes entered in this division may be built from a kit or by original design. Pre-finished telescopes which require no construction or painting are not acceptable exhibits.
4. Telescopes are limited to no more than three feet in length. They must be placed on a stationary stand that does not allow the telescope to roll and/or fall over. The stand's length cannot exceed its width by 2 feet or more.
5. Each exhibit must include a 4-H Astronomy Exhibit Information Form, which should be attached to the outside of a 10" X 13" manila envelope.
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. Telescopes designed by the exhibitor must be original, not a modification of an existing kit.
9. Educational displays should be creative and showcase something specific the 4-H member has learned in the Astronomy project during the current 4-H year. Be careful to follow copyright infringement laws. Sources of scientific information must be cited on the front of your exhibit, including all posters and educational display board.
10. Educational displays are limited to one 36" X 48" tri-fold display board. No cardboard table exhibits will be allowed. Care should be taken to use durable materials that will withstand fair conditions. No electricity will be provided.
11. Exhibitor's name(s) and county must be labeled in a prominent location on the robot educational display, and/or notebook.
12. Astronomy Educational posters must be no larger than a 22" X 28" poster board.
13. Astronomy project notebooks must be organized in a 3-ring binder.

**Class 2140.** Telescope made from kit

**Class 2141.** Telescope made from original design

**Class 2142.** Astronomy Educational Display, poster or notebook.

### **Division D – Computers**

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 motherboard based manipulation) will remain in the Energy Management division.
2. The 4-H members must be currently enrolled in the 4-H SpaceTech project to exhibit in this division.
3. Each exhibitor may enter one exhibit per class. Exhibit must have been completed during the current 4-H year.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the computer project. Value is placed on youth who can demonstrate how their skills have increased while completing the project.
5. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging score sheet will be available on the Kansas 4-H SpaceTech website.
6. Follow copyright laws, as explained in the General Rules as you are preparing your exhibit(s). Site your sources of scientific information on your exhibit, when appropriate.
7. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits as in some phases of SpaceTech.
8. Educational posters must be no larger than 22" x 28" poster board.
9. Educational displays are not to exceed a standard commercial 3' x 4' tri-fold display board. Commercially available Science Fair Presentation Boards are encouraged. Exhibitors are encouraged to laminate all posters and maps or cover them with clear plastic film.
10. Project notebooks must be organized in a 3-ring binder.
11. 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.
12. If the notebook illustrates the creation, talks about, or shows the result of an app, application, executable program, or other compiled /interpreted source code, a copy of the source code should be included. (In other words if you created an app for a smart phone and you're illustrating that app, you should include the code you used to build the app). Failure to include a copy of the source code may result in up to one ribbon place deduction.
13. **Additional** and more advanced computer exhibits will be accepted. This second phase of the computer project will consist of using virtual machines (VM's) to develop highly functional applications. These applications can be transported from system to system and are typically not constrained by physical hardware. For more information, call the Extension Office.

**Class 2150-** Computer Educational Poster

**Class 2151-** Computer Display Board

**Class 2152-** Computer Notebook

### **Division E – GPS/ GIS**

1. 4-H member must be enrolled in the Kansas 4-H Space Tech project to exhibit in this division.
2. 4-Hers may enter one exhibit per class. The 4-H Geospace project teaches concepts related to Global Positioning Systems (GPS) and Geographic Information Systems (GIS) geospatial technology applications.
3. Educational displays should be creative and showcase something specific the 4-H member has learned in the GPS/GIS project during the current 4-H year. Be careful to follow



copyright infringement laws. Sources of scientific information must be cited on the front of your exhibit, including all posters and educational display boards.

4. Educational displays are limited to one 36" x 48" tri-fold display board. No cardboard table exhibits will be allowed. Care should be taken to use durable materials that will withstand fair conditions. Exhibitors are encouraged to laminate all posters and maps or cover them with clear plastic film. Site your sources of scientific information on your exhibit, when appropriate.

5. Exhibitor's name(s) and county must be labeled in a prominent location on the educational display, and/or notebook.

6. Educational posters must be no larger than a 22" X 28" poster board.

7. Project notebooks must be organized in a 3-ring binder.

8. Team exhibits are defined as developed by two or more 4-H members.

**Class 2160-** Geocache Box. Include geocache box with contents, description and photograph of location where box will be located.

**Class 2161-** GPS/GIS Map of Individual

**Class 2162-** GPS/GIS Map of Team

**Class 2163-** GPS/GIS Community Map Project of Individual

**Class 2164-** GPS/GIS Community Map Project of Team

**Class 2165-** GPS/GIS Educational Display, poster or notebook

**Class 2166-** GPS/GIS Team Educational Display, poster, or notebook

**Class 2167-** Geography Educational Display, poster or notebook.

## SECTION 22

### 4-H VISUAL ARTS AND CRAFTS

#### 4-H HERITAGE ARTS

#### 4-H FIBER ARTS

Two items per class. Must be enrolled in a corresponding project to enter in any class. Not over six total items. Entries by age group, juniors 7-9; intermediate 10-13, seniors 14 and over. Make your own arrangement or projects for your display. Multi-piece items should be marked accordingly (i.e. 1 of 4, etc.) Use 5" x 7" index card for identification: Name, Age, Club and Class Number/Name. All exhibits are entered at your own risk.

*At the Kansas State Fair, 4-H members are only allowed ONE item from Visual Arts & Crafts. Art pieces at the state fair MUST have saw tooth or wire elements for hanging. This is not a requirement for the County Fair, but it is encouraged to display your work the same way at both county and state levels. Framed pieces give a more complete look and may be placed higher than non-framed pieces.*

*\*\*Note: Counties are limited on the number of entries we can take to the State Fair. Thus, not all purple ribbon winners will be eligible. More information will be available at the time of the fair.*

#### Division A- VISUAL ARTS & CRAFTS CLASSES

**2200:** Sketch, Drawing

**2201:** Painting

**2202:** Sculpting

**2203:** Ceramics

**2204:** Leather

**2205:** Printing

**2206:** Fabrics and Fibers

**2207:** Cultural Arts/ Performing Arts

**2208:** Other

**2209:** Crafts

**2210:** Legos/K'nex

## **Division B- FIBER ARTS**

1. Fiber Arts is defined as any method of creating a unique design with fiber, fabric or yarn. This may include: making fabric (such as weaving, crochet, knitting, needlepoint) or when existing fabric is changed into something quite different (such as quilting or embroidery or ethnic art.) Ethnic Fiber Arts should use a fiber, yarn or fabric to create the design exhibit. Non-textile (examples include wood, reed, straw, grass, etc.) baskets/pieces should be entered in the Visual Arts Division.

2. No exhibit will be released for any other use. Heritage Fiber arts exhibits cannot be used for any of the Family & Consumer Sciences Clothing Classes.

Identification Label:

- a. Type or print on 3ö x 2.5ö piece of cloth: class number, county and exhibitor's name.
- b. Sew or safety pin this ID label on the corner of flat articles
- c. For garments, attach ID label to the front left shoulder seam, or left side of waist band, as if you were wearing the garment.

3. A member may not enter over six items total. *At the Kansas State Fair, exhibitors may only enter one exhibit per class, with a total of up to three Fiber Arts Exhibits.* All articles/ garments must be finished for use.

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. Special consideration will be given to articles which are of original design. Such articles should have a note attached explaining the original design.

6. The exhibitor should attach an index card, no larger than 3ö x 5ö, with the entry form to give the judge any information on what parts of the exhibit they made, processes used, or other information which the exhibitor thinks would be helpful for the judge. For all items please indicate if the item was made from a kit, as well as fiber content, and specifically if they are made of at least 90% wool. For quilted items, indicate who did the quilting and binding.

7. Exhibitors are expected to be enrolled in the Fiber Art project in which they are entered. When the exhibit is a sewn garment that also includes one or more Fiber Art techniques (i.e. knitting, crochet, needle arts, or patchwork 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.

8. All exhibits which need to be hung, **MUST** have the appropriate saw tooth hanger, rod, wire or other mechanism attached in order to be properly displayed. If necessary hardware is not attached, it may not be displayed.

9. There are no age specific classes in fiber arts. The Exhibitor's age and years in the project will be considered by judges.

### **Fiber Arts Classes**

**2221:** Crochet, an article.

**2222:** Knitting, an article made wither

**2223:** Needle Arts, an article created by using any of the following techniques:

- a) Embroidery
- b) Needlepoint
- c) Candle wicking
- d) Crewel
- e) Lacework
- f) Appliqué

**2224:** Patchwork or Quilted article- It is acceptable practices for the exhibitor to create the patchwork or quilted article and have someone else quilt it.

**2225:** Rug Making, a rug ó acceptable techniques included braiding, latch hook, tying, floor cloth, etc. The finished product should be an item that would be an item used in the home.

**2226:** Spinning, a skein-minimum 10 yards in length

**2227:** Weaving, a woven article- Members should attach information about the type of loom or processes used.

**2228:** Ethnic Arts, an article: This is defined as a Fiber Art technique that is associated with a specific country or culture. It is a practical skill that was developed to provide basic family needs such as apparel, home furnishings or decorations. It is also defined as a method that has been maintained throughout history and passed on to others, often by observation and example, such as batik, Swedish huck towel weaving, mud cloth, bobbin weaving, tating etc. Members should attach information on the history of the ethnic fiber art, where it was used, by whom, how it was used, short description of the technique, etc.

**2229:** Macramé, an article

**2230:** Other- any article not fitting into any of the above classes

**2231:** 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's, 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, county and fiber art covered must be clearly marked in the notebook.

### **SECTION 23 – 4-H WILDLIFE**

1. **A MEMBER MAY MAKE ONLY ONE ENTRY IN THIS DIVISION AND MUST BE PRE-ENTERED WITH THE EXTENSION OFFICE BY JUNE 28TH.**

2. 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.

3. KSRE, and the Coffey County Fair are not responsible for damage during the exhibition period.

4. Name, county, age and year in project should be in a prominent location on the exhibit.

5. Notebooks and Displays will be judged on the following points:

- Stopping Power..... 15
- Interest, Holding Power.... 15
- 4-H Project Application...15
- Mechanical Power..... 15
- Personal Growth..... 25
- Educational Value..... 25
- Knowledge Shared.

6. Posters will be judged on the following points:

- General Appearance..... 30
- Information..... 50
- Organization..... 20

**\*\*\*NOTE:** Credit all citations, websites or other resources used in creating your exhibit.

#### **Classes:**

**2300:** Notebook. Contents pertain to some phase, results, story or information about the wildlife project

**2301:** Promotional Poster. Must be related to something learned in the wildlife project. (Flat poster board or foam board no larger than 22" x 28")!

**2302:** Educational Display. Must be directly related to the wildlife project. Maximum tri-fold size is 36" x 48"

**2303:** Taxidermy/Tanning Exhibit. Should include an attachment that shows the work in progress through photos with captions, or a detailed journaling of the process.

### **SECTION 24 – 4-H WOODWORK**

Only those who have met the requirements of the woodwork project are eligible to exhibit in this division. A total of four articles may be entered in any class or combination of classes. The plan from which the exhibit was constructed that should also include material costs must be with the article. The plan may be a photocopy, the actual pattern, or a scale drawing.

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It must be complete and accurate to the extent that a duplicate article could be built using the plan as a guide. Any project with missing or insufficient plans will be lowered one ribbon placing. Refinished/ repaired furniture should be exhibited in Home Environment.

#### **Classes:**

**2401:** Single exhibit. Projects made from pre-cut kits are not allowed.

**2402:** Article for farm or shop use

**2403:** Furniture for household or lawn use.

**2404:** Other woodwork. Article not included in above classes, including any article made from a kit. Example: bird houses, bird feeders, household equipment such as bread boards, door stops. In judging woodworking articles, consideration will be given to: Workmanship, including accuracy of plan, design, choice of wood, suitability and quality of finish, and usefulness.

### **SECTION 25 - CLOVERBUDS**

ALL Cloverbud handiwork is to be exhibited as a single group. Cloverbud pets exhibition will be incorporated into a non-competitive section of the Dog and Hand Pet show. ALL Cloverbud exhibits will receive a Cloverbud ribbon with no associated premium. The Cloverbud exhibit also includes a show and tell portion in which the Cloverbud member may visit with a designated individual (i.e. judge or 4-H Ambassador, volunteer) about what they are exhibiting and what they have done. No competitive judging of the exhibit shall occur. Cloverbuds are limited to one entry per class but are not limited to how many classes they may exhibit in.

Handiwork exhibits will be entered Wednesday, July 19<sup>th</sup> from 10:30-12:30. The show and tell will be done as exhibits are entered. Cloverbud Pets exhibits will be entered at the Dog, Cat and Hand Pet Show. **ALL CLOVERBUDS MUST COMPLETE PRE-ENTRIES with the Extension Office by 5 pm on June 28th .**

#### **Classes:**

**2501** – Handiwork exhibits i.e. crafts, foods, posters;

**2502** – Pets.

**2503-** Livestock; (B) Bucket Calf; (P) Swine; (S) Sheep; (G) Goats

(To comply with the Kansas 4-H Cloverbud guidelines

Cloverbuds are not allowed to enroll and participate in the livestock projects that require long-term, ongoing care or weigh-ins. Therefore participation will only be of a non-competitive showmanship format of the Coffey County Fair.) Cloverbuds who have pre entered in class 2503 may not also exhibit in the open class Lil Tykes livestock classes.

**2504-** Fashion Revue: Cloverbuds may model one outfit of their choosing at the 4-H clothing judging and fashion revue on Tuesday, July 11th (outfit may be constructed or purchased).

## **SECTION 26- WESTERN HERITAGE**

**\*\*NOT STATE FAIR ELIGIBLE\*\***

Exhibits in this project area will be judged by their corresponding class areas but will be displayed together. Western Heritage exhibitors do not have to be enrolled in the corresponding project area in which they are exhibiting as long as they are enrolled in Western Heritage. (i.e. to exhibit in Western Heritage Fashion Revue, one only has to be enrolled in the Western Heritage project, NOT in Clothing Construction or Buymanship).

All exhibits should follow the guidelines from the corresponding section. i.e. educational displays must meet size criteria and must be pre-entered by June 28th. Western Heritage exhibitors are limited to one exhibit per class.

### **Western Heritage Classes:**

2601: Foods (may be perishable or non-perishable)

2602: Clothing Construction **\*Pre-entry required**

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2603: Fashion Revue (may be purchased or constructed) **\*Pre-entry required**

2604: Home Environment

2605: Educational Display **\*Pre-entry required**

2606: Visual Arts

2607: Fiber Arts

Champion selected based on number of Purple and Blue ribbons awarded.

## **DEPARTMENT Y – VOCATIONAL AGRICULTURE FARM MECHANICS**

Vocational Agriculture Instructor ó Superintendent

1. Projects must have been constructed in the Vocational Agriculture shop by vocational agriculture student.
2. Projects may have been used before exhibited but if so, it must be cleaned before displayed.
3. An exhibitor may exhibit more than one project but only one per class.
4. All entries may be made to the Extension Office the week prior to the fair.
5. Exhibits to be brought to the fairgrounds entry day of fair by 1:00 p.m.
6. All exhibits will be awarded one of the following: Blue, red, or white.
7. The top exhibit in each class will receive a special award.
8. The score card used for judging exhibits will be the same as used for State Fair.

### **II-Division A**

#### **Class**

305. Freshman shop skills (to be displayed on board panel.)

- a. Tool conditioning,
- b. Carpentry
- c. Forging
- d. Cold metal
- e. Welding
- f. Sheet metal

306. Freshman project

#### **Class**

307. Upperclassman Single Project

308. Upperclassman, two or more project ó display

- a. Tool Conditioning

## SPORTSMANSHIP

Conduct becoming to an individual involving fair and honest competition, courteous relations, and graceful acceptance of results.

The development of sportsmanship is an important part of youth development. To become contributing, competent, caring, capable adults, youth must develop the knowledge, skills, attitudes and aspirations of sportsmanship.

Parents and supporters are asked to help their children develop sportsmanship by setting a good example, and demonstrating sportsmanship before, during and after competitive programs.

Examples of ways to help youth learn to be a fair and generous competitor, a good loser, and a graceful winner:

1) Teach youth sportsmanship. Require him/her to demonstrate sportsmanship before, during and following competitive activities.

a. Demonstrate and maintain high standards of personal behavior and conduct which become his/her as an individual and as a representative of your family, your club, your community and the program.

b. Learn and follow rules.

c. Be objective.

d. Show integrity.

e. Be well mannered and show respect.

f. Be pleasant and nice toward other participants, spectators, program officials, judges, the media, supporters and others.

g. Keep emotions under control.

h. Accept judge's suggestions and the results with a positive attitude.

i. Congratulate winners.

j. Do not gripe, complain or make excuses when you don't win or perform well.

k. Do not complain or make accusations about others unless you have hard proof and are willing to personally face the person being accused.

l. Thank leaders, program organizers, sponsors, judges and others.

2.) Applaud all exhibitors and groups. Express appreciation and admiration.

3.) Do not boo, heckle; make disparaging remarks or insulting comments about or to anyone including competitors from rival groups and program officials, organizers and judges.

4.) Show respect during all events. Listen, act interested and be quiet when participants are introduced or when program officials are talking.

5.) Encourage youth to politely ask questions if they have them, express concerns they have, and make helpful suggestions to program officials and organizers.

6.) Congratulate the winners after the event.

7.) Questions, concerns, or suggestions? Be polite in expressing them. Criticize in private, compliment in public.

8.) Show courtesy towards others.

9.) Enjoy the program and accept our appreciation for setting a good example.

*Notes:*







