

Fair Book Changes

Russell County Changes

Livestock

- 1) Grand Champion market, and breeding livestock in beef, swine, sheep, and goats are eligible to attend Tri- State Royal. If the grand champion is unable to attend, the reserve champion can participate in its place. An animal is only eligible to attend **If** a completed and signed “intent to attend/sell” form is filled out and on file with the Midway District extension office.
- 2) If an exhibitor plans to sell their market animal through the Russell County Free Fair livestock sale, a completed and signed intent to sell form indicating they plan to enter the Tri-State Royal **MUST** be on file with the Midway District extension office to be eligible.
 - a. If you sold/plan to sell your animal through the fair sale, it is **highly encouraged** to insure your animals prior to attending Tri-State Royal. This will protect both the seller and the buyer.
 - b. If an eligible market animal is sold through the Russell County Fair livestock sale, the animal remains the responsibility of the **exhibitor** through the Tri-State Royal. It is the **EXHIBITOR’s** responsibility to schedule a locker spot for this animal, care for, and deliver this animal to the locker on processing day, **UNLESS** other arrangements have been made with the buyer.
- 3) **One** showmanship contestant **per species** will be selected at the Russell County Fair to participate at Tri-State Royal annually. Tri-State Royal rules specify “showmanship class is one only (all ages) per species. There is **NOT** a separate Junior, Intermediate, Senior.”

Livestock Sale

16. This event is a terminal sale, meaning that if an animal is sold it CAN’T be shown again, unless arrangements have been made for that animal to be shown at the Tri State Royal show in Goodland KS as a County Fair Grand Champion the first week of August.
17. Livestock buyers can “Keep” or “Turn Back” any animal they buy during the sale. The auctioneer will ask the buyer if they want to “Keep,” or “Turn Back” each animal they purchase.
18. Please read the following explanations carefully to understand how the sale works.
 - a. **Keep:** Buy an animal through the sale for the market (base) price published in this sale bill, **PLUS** the premium price...and keep it for a butcher animal. It is the buyer’s responsibility to make processing and delivery arrangements to the locker plant of your choice. Please check with the exhibitor of each animal purchased, as they may have already reserved a locker spot for that animal. All “Keep” animal’s must be removed from the fairgrounds by 10 a.m. on the Saturday morning after the sale.

- b. Turn Back: Buy the animal and pay only the premium price. The animal becomes the responsibility of the Russell County Fair Board.

19. Animals sold through the sale become the property of the new buyer OR the Russell County Fair Board immediately after the animal is sold.

Beef

1. To compete in this department, club members must have been enrolled in the beef project with their market animal or commercial heifer in their possession and cared for by them at least 140 days prior to the fair.
 - a. This possession and care rule also applies to registered females, with registration papers showing ownership in the exhibitor's name by June 15th of the current year. These registration papers are DUE to the extension office by July 1st of the current year.

Presentations

#8 Other Fair entries may be used for the Presentation. The item is being used as a prop or as a visual aid. This item needs to be checked in and checked out by the superintendent.

Clothing

Clothing- Garment Bags- Clothing bags are required to have and are available at the extension office at no extra charge or bring your own.

Foods and Nutrition

#13 All decorated items (cakes, cupcakes, and cookies) must be edible but will only be judged on an appearance. The judge does have the option of tasting cake and/or frosting. Recipes are optional.

#19 Nutrition Class: Product can be an original or modified recipe. The modified recipe needs to nutritionally enhance the food product. Attach one-8 1/2 X11-inch page (front & 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. Ex: as standard blueberry muffin recipe that is modified to make it a gluten free.

Horse

Classes

Class: REGISTERED HORSE

2104. Weanling

2105. Yearling

2106. Two-Year-Old

2107. Three-Year-Old and Older

Class: GRADE HORSE

2108. Weanling

2109. Yearling

2110. Two-Year-Old

2111. Three-Year-Old and Older

Class: PONY – Under 14 Hands Tall (56”)

2112. Weanling

2113. Yearling

2114. Two-Year-Old

2115. Three-Year-Old and Older

Class: BAREBACK HORSEMANSHIP

2116. Jr. Division (7-12 years old)

2117. Sr. Division (13 and older)

4-H Shooting Sports

Check-In Monday 6:00p.m.-8:00p.m.

Superintendent – Erin Cook

Assistants – Ty Cook, Taylor Cook, Coy Cook

Special Rules: Anyone wishing to sell Shooting Sports entries in the Silent Auction must return an Intent to Sell Card to the Fair Office by the posted deadline. Refer to 4-H Silent Auction Special Rules under General Regulations.

1. Firearms or weapon are not eligible exhibits
2. Exhibits in this division are open to educational displays, promotional posters, and notebooks. Follow copyright laws as you are preparing your exhibit. Take care to select durable materials to withstand fair conditions.

a. Educational Display: must be the standard tri-fold board ONLY, must not exceed standard tri-fold: 4' wide x 3' tall. No additional table space is available for promotional brochures or display items; content is not to exceed display board borders. See [Page 60 Russell County 4-H Fair](#)

b. Promotional Posters: Must be flat, able to hang, and no larger than 22" x 30" THE EXHIBIT SIZE RULE WILL BE STRICTLY ENFORCED! Exhibits exceeding the size guidelines will be penalized one ribbon color.

3. EXHIBITORS MUST COMPLY WITH STATE AND FEDERAL LAWS. No "live" ammunition containing propellant or explosive powders may be used in any display! **Check in has to include a certification from an instructor or coordinator prior to check in.** An inert substitution must be used in place of powder and "live" ammunition. The substitution must be clearly described on the back of the poster, display, or notebook. Please remember that the Fair Board and Extension Office are NOT liable for the loss or damage of any personal property included in your display.

4. Entries should include the Kansas 4-H Shooting Sports emblem. Failure to do so will penalize entry one ribbon color.

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

6. Exhibits will not be accepted if they are related to reloads.

7. Notebooks: no larger than 8 ½" x 11".

8. Displays, posters, and notebooks will be judged on the following points;

Stopping Power **15 points**

Is the main idea specific?

Is the idea presented clearly, simply, forcefully?

Interest, Holding Power **15 points**

Does the exhibit give the observer additional facts in a clear, concise informative way?

4-H Project application **15 points**

Mechanical Power **5 points**

Correct letter size, pleasing color combination, appropriate symbols, and models?

Personal Growth **25 points**

How much knowledge was gained by the exhibitor?

Education Value **25 points**

Knowledge shared?

Total**100 points**

9. Ribbon shoot scores may be entered from any scored local qualifier match, state match, or national match held after the previous year's fair.

All scores will be posted during the fair and an Overall Grand and Reserve Grand Shooting Sports Champion will be selected based on combined total points from the shoot ribbon(s) and poster/display/notebook ribbon. Note: You must submit an entry card for each class to receive a ribbon and points.

Division Y – 4-H Shooting Sports Shooting Sports

6200 Educational Display Educational Display-Must be directly related to the 4-H Shooting Sports Project (standard tri-fold boards only, no larger than 3' x 4')

6201 Promotional Poster Promotional Poster-Must promote 4-H Shooting Sports (Flat poster no larger than 22" x 28")

6202 Notebook

Contents pertain to some phase, results, story or information about 4-H Shooting Sports.

Ribbon Shoot Classes:

6200I Recurve archery shoot

6200C Compound archery shoot

6200E BB gun shoot

6200G Air rifle shoot

6200J Shotgun shoot

Silent Auction

#1 members can sell TWO items in the Silent Auction

State Fair Changes

Removing STEM from all the names-

- **AEROSPACE/ROCKETRY**

#2 If a rocket qualified for the Kansas State Fair, exhibitors should read the State Fair rules for the Rocketry division as they may be different from those at the county fair. Be sure to check class numbers, they may be different.

#3 Each exhibitor may enter up to two rocket exhibits that have been constructed during the current year. If two rockets are entered, one rocket must be a “model rocket kit”, the second may be entered into any other applicable class. An exhibitor may not enter two rockets in the same class.

#4 4-Hers are to complete and sign the rocketry information form, available from <http://rocketry.engtech4ks.com/> or your local extension office and attach it to a 10” x 13” “manila” envelope. The envelope should contain:

- a. Instructions on how to construct the rocket
- b. Up to five pages of pictures, pictures are to be attached to sheets of paper, from both construction and launch
- c. Documentation of any flight damage that occurred
- d. Any modifications made to the rocket except for paint scheme and decals.
- e. An additional page for altitude calculations if the space on the form is not enough.
- f. Additionally, for original design rockets, also known as “scratch built” rockets:
 - i. five additional pages of photos are allowed
 - ii. Documentation of how the rocket was tested for stability

#5 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.

#6 Rockets are to be displayed upright on a display stand with a sturdy rod that does not extend past the top of the rocket, or stand unassisted, unless the rocket is taller than four feet in which case no display stand is required and the rocket may be displayed on its side, rockets are not to be displayed on launch pads to save space and prevent someone from being poked in the eye.

#7 Rockets ARE NOT to be displayed with used or unused rocket engines either in the rocket or as part of the stand, if rocket engines are included in the exhibit the judge may disqualify the exhibit.

#8 Rockets should be flown unless there is an active burn ban in the county or conditions are too dangerous to safely launch the rocket. Just flying the last stage (the part with the nose cone) of a multi-stage rocket is acceptable.

#9 Rockets, except those in the JR division, are not to be “beginner kits” or use prefabricated (molded plastic) fin assemblies, or pre-finished rockets requiring no painting, these are not acceptable outside the JR division, and should be disqualified. Rockets entered in the JR division may not go on to the Kansas State Fair.

#10 Angels of fins must fall within a plus or minus 2-degree variation using an approved fin alignment guide (such as KSSTAC10). An official fin guide is available from <http://rocketry.engtech4ks.com/>

#11 Fins and body tubes, except those in the introductory division, are to be filled and sealed with putty, sanding sealer, and/or primer or other suitable filler to eliminate the appearance of body grooves and wood grain.

#12 Fins and launch lugs are to be filleted to reduce drag and properly secure them to the model.

#13 Engine mounts are to be securely attached to the body tube.

#14 Any seams on plastic parts are to be sanded smooth.

#15 The recovery system (typically a parachute or streamer) should be attached according to the instructions

#16 The nose cone is to fit snugly but still allow for easy removal.

#17 Exhibits must be uniformly painted and smoothly finished without “runs,” “orange peel,” or “alligator skin” or finished as per rocket instructions (for example, no painting required), and decals, if used, are applied smoothly.

#18 Models may not be judged based on their paint scheme (colors and placement on the rocket), except for rockets that fit the definition of a ‘scale model*’ and are entered in the scale model class. All other rockets do not have to follow the suggested paint scheme, allowing the 4-H’er to display maximum creativity in the finishing of their rocket. Under no circumstances is the weight given to the paint scheme to be sufficient enough, by itself, to move the non-scale model from one ribbon placing to another.

#19 “Scale models*” entered in the scale model class may be judged based on their paint scheme. The judge may deduct up to one ribbon placing for not following the paint scheme.

#20- “Scale Models*” displayed in the scale model class are to be finished and completed with a majority (greater than 70%) of decals. For all other rockets the use of decals is optional.

#21 Original design rockets cannot be a modification of a pre-existing kit and must be of original design.

#22 Original design rockets must be designed by the exhibitor(s).

#23 Exhibitor(s) must be 11 years of age (4-H age) or older to enter an original design rocket.

#24 Original design rockets must include detailed instructions, so that someone could

construct the original designed rocket just like a kit purchased at a store. Instructions can be as many pages as needed to convey full and complete construction techniques.

#25 For a rocket entered in the original design classes, describe in the summary how the rocket was tested for stability prior to flying. Swing testing of the rocket is required. Other tests and calculations are strongly encouraged. Exhibitors must include documentation of the swing test. Failure to swing test a rocket will result in a deduction of TWO ribbon placings.

#26 Rockets that use more than one 'D' engine or equivalent are consider mid or high-power rockets in 4-H. Page | 21

#27 Mid and High-Power exhibitors must be at least 14 years of age by January 1 of the current year.

#28 In addition to the information packet completed for all rockets, a highpower information form is to be completed and placed inside of the information packet. This may be downloaded from <http://rocketry.engtech4ks.com/>

#29 Exhibitors in the mid and high-power divisions must hold memberships in either NAR or Tripoli organizations.

#30 The NAR High Power Rocket Safety Code applies to the construction and launching of all rockets displayed in this division. As such all mid and highpower rocketry exhibitors must comply with the NAR High Power Rocket Safety Code that is in effect as of October 1st of the current 4-H year.

#31 All rockets in the mid and high-power divisions are to be launched under adult supervision by the 4-H member who constructed the rocket.

#32 For rockets launched using an engine(s) that have 160.1 ('H' engine or equivalent amount of smaller engines) Newton's-seconds or larger, adult supervision must be provided by an individual having at least a level 1 high power certification. The 4-H member should also hold or be attempting to attain their level 1 high power certification if launching on this large of an engine.

Classes

##20a Rocket made from kit, without pre-assembled fin units. Include plans.

##20b Rocket made from "beginners kit." Include plans. Rockets in this class may have pre-assembled fin units (plastic). (This class is for first and second year 4-H members to explore the rocketry project).

##37a Scale Model Rocket made from kit, include plans

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STEM AG MECHANICS WELDING

#3 Each exhibitor may enter one exhibit per class. Exhibits must have been constructed or repaired during the current 4-H year. The exhibit must have been selected at the county level for entry at the State Fair. Counties or districts should select only top blue or purple ribbon Ag Mechanics exhibits which meet State Fair guidelines.

#4 Wheeled exhibits must utilize a braking mechanism which prevents the exhibit from freely rolling while on display.

#5 Exhibitors are responsible for providing sufficient braking or “chocks” for trailer exhibits to ensure that the exhibits do not move once positioned. If using a wheel “chocking” mechanism, the two individual blocks should be connected together as a pair of chocks, so they do not become separated. At least one pair of chocks should be placed on each side of the trailer to prevent movement.

#6 For exhibits with downward swinging parts, such as tailgates, that could pose a fall/striking/crushing hazard should have a tamper resistant locking mechanism such as a “zip-tie” or a “cotter-key” through a release pin that would prevent the swinging part from being accidentally released and falling on someone.

#13 Display cases for small exhibits are acceptable and must be easily opened so the item can be removed and examined as part of judging.

#18 add Welding after Ag Mechanics

#19 Each exhibitor is required to complete the “4-H Ag Mechanics Welding Exhibit Information Form” for each exhibit, except for display boards, Page | 30 which is available through your local K-State Research and Extension office or at <http://welding.engtech4ks.com/>. This form must be attached to the outside of a 10” x 13” manila envelope. Do not tie the envelope to the exhibit. All revisions of all forms previously released for the division dated prior to current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year.

Removing STEM from all the names-

~~STEM ARCHITECTURAL CONSTRUCTION~~

BUILDING BLOCK ENGINEERING

#4 Total exhibit dimensions may not exceed 2 feet high, by 2 feet wide, by 2 feet deep.

#6 ADD- The entire exhibit should fit in the display enclosure so the enclosure does not smash into the exhibit during movement.

ELECTRIC AND RENEWABLE ENERGY

Classes

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

4601 DC Electric: Electric projects with a battery or direct current power source. This class includes electric kits or original projects. This class also includes demonstration DC powered project. Examples include: wiring two- or three-way switches, difference between series/parallel lighting circuits or wiring doorbells switches. All DC electric projects must include batteries supplied by 4-H'er. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.

4602 Electronic: Electronic projects with a battery or direct current power source. This class includes electronic kits or original projects. Examples include radios, telephones, toy robots, light meters, security systems, etc. May be constructed using printed circuit board, wire wrap, or breadboard techniques. Include instruction/assembly manual if from a kit. Include plans if an original project. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.

Alternative ENERGY (A form of energy derived from a natural source, such as the sun, geothermal, wind, tides or waves) All exhibits in this division are limited in size to standard, tri-fold, display boards (36" X 48") and items may not extend beyond 12" from the back board. All displays must be self-standing.

4620 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.

4621 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.

Foods and Nutrition

#11 For food safety purposes, any entries with frostings and fillings must calculate the amount of sugar in the frosting/filling recipe only. Calculation must be attached to entry, or the placing will be lowered one ribbon when judged. Frosting and fillings need to contain more than 65% sugar for safety. Examples on how to calculate this percentage are included in the publication located at: <https://bookstore.ksre.ksu.edu/pubs/MF3544.pdf>

#20 Under baked entries will be lowered one or more ribbon placings.

Food Preservation

#1 Exhibits must have been preserved since the member's previous year's county fair, and not been exhibited at the previous State Fair.

#2 Recipes and processing methods from the sources below are recommended. Recipes must be from current, tested resources listed below AND MUST BE ADJUSTED FOR ALTITUDE based on your processing location, or it will be disqualified. Processing methods that will be disqualified include: open kettle-canning, oven canning, sun canning and using electric multi-cookers. Untested recipes will be disqualified for food safety reasons. Tested recipe sources include: • K-State Research and Extension Food Preservation publications • Other University Extension Food Preservation publications • USDA Complete Guide to Home Canning, @2015 • So Easy to Preserve, 6th edition, The University of Georgia Cooperative Extension Service • Ball® Blue Book Guide to Preserving, Edition 37 • Ball® Complete Book of Home Preserving, @2015 and @2020 • Canning mixes (i.e. Mrs. Wage's, Ball®) • Pectin manufacturers (i.e. SureJell, Ball®) • KSRE Rapid Response Center Preservation Recipes • National Center for Home Food Preservation • Ball® and Kerr

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

#4 Each exhibit must have the complete recipe and instructions attached with the entry card, or it will be disqualified. Recipe must include exhibitor name, recipe source, date of publication, and altitude, where food was processed. If using Mrs. Wage's or Ball® mixes, indicate the date the mix was purchased.

#5 Exhibits must be processed in clean, clear standard canning jars, with matching brand (ex: use Ball® lids on Ball® jars, or Kerr lids on Kerr jars, etc.) two-piece lids. Do not use colored jars, fancy padded lids, fabric over wraps or cozies as they interfere with the judging process. No fancy packs unless recipe states to do so (ex: Pickled asparagus). Jars must be sealed when entered. For food safety reasons, the size of jars used must not be larger than the jar size stated in the recipe (ex: Salsa is canned in pint jars only, no quarts). Note: There are 12-ounce, 24-ounce and 28-ounce canning jars available and may be used. Use pint jar process recommendations for 12- ounce jars. Use quart jar process recommendations for 24 ounce and 28- ounce jars

#6 Each jar exhibited must be labeled. The label must not cover brand name of jar. The label must give: Class Number, Product, Altitude where processed, Canning Method (water bath, weighted gauge or dial gauge pressure method), Process Time, Pressure (psi), Date processed including month and year, Name, and County/District.

#7 If dried food product is not in a canning jar, it will be lowered one ribbon rating. Suggested amount: 1/3 – 1/2 cup, or three or four pieces per exhibit. All meat jerky must be heated to an internal temperature of 160 degrees F before or after drying. This is not the drying temperature! Dried products must include the recipe, preparation steps and heating instructions. Jerky not heated to 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."

Changing the name

~~Construction~~ -> Sewing and Textile Design

Classes

1201 An article, garment, or outfit constructed by a 9 -11-year-old exhibitor

1202 Educational exhibit prepared by a 9 -11 exhibitor (construction or buymanship)

1203 An article, garment or outfit constructed by a 12-14 exhibitor

1204 Educational exhibit prepared by a 12-14 exhibitor (construction or buymanship)

4004 An article, garment or outfit constructed by a 15-18 exhibitor

4005 Educational exhibit prepared by a 15 to 18-year-old exhibitor (construction or buymanship)

Shopping in Style

#1 Posters can be flat poster board or foam board, no larger than 22” x 28.”

#2 Tri-fold educational displays must be free standing and no larger than 36” x 48.”

#3 Photos of 4-H member in purchased outfit must demonstrate criteria as outlined on scoresheet. Consider multiple angles, good light and highlight details so that the judge may accurately evaluate the exhibit.

#4 Exhibits should include actual photos of 4-H member in garments, and may also include pictures from magazines or the internet

Classes

4020 **Shopping in Style: Junior (age 9)** Choose one of the following activities from Unit 1 or Unit 2 of the curriculum project manuals. Exhibit should consist of poster that showcases:

A. a garment you purchased that reflects your personal style and explains how this garment reflects your style and how it influences what others think of you; OR

B. a garment you purchased and explains how your personal style either aligns or contradicts what is considered to be “in style” today. OR

C. a garment you purchased and explains or illustrates how this garment is a modern version of a fad or fashion from an earlier decade; OR

D. a garment you purchased and explains how this garment reflects a different ethnic or cultural influence; OR

E. a garment you purchased and includes a color discussion that provides an overview of how different colors complement different hair colors and skin tones and how that influenced garment selection.

4021 Shopping in Style: Intermediate (age 10-13)– Choose one of the following activities from Unit 3 or Unit 4 of the curriculum project manuals. Exhibit should consist of a display that showcases:

A. an outfit you purchased to wear with a clothing item that was already in your wardrobe that still fit but you didn't wear anymore. Explains why the clothing item was not being worn and what you did to transform it into a wearable garment again. OR

B. a top and bottom that you purchased, as well as at least three pieces of clothing in your existing wardrobe that you can mix and match with the new items to create multiple outfits. Includes a clothing inventory and explain what you have learned by completing this activity. OR

C. an outfit you purchased and explain why you selected the garment you did, your shopping budget, and cost per wear; OR

D. an outfit you purchased and explain how advertising influences clothing purchases making a distinction between wants and needs. Include your shopping budget and cost per wear. OR

E. an outfit you purchased along with a cost comparison between garments/accessories purchased vs. sewing/constructing the outfit. Comparison should include variety of shopping options and/or price tracking at stores over a period of time.

4022 Shopping in Style: Senior (age 14-18)– Choose one of the following activities from Unit 5 or Unit 6 of the curriculum project manuals. Exhibit should consist of a display that showcases:

A. an outfit you purchased and care requirements not only for this garment but also for garments made of other natural and synthetic fibers. Display should also include a care cost analysis for garments of different fibers; OR

B. an outfit you purchased which you have repaired or altered. Include a clothing inventory list which includes cost savings for repaired items as compared to purchasing replacement garments; OR

C. an outfit you purchased along with plans and commentary for a fashion show that that would capture the attention of an audience. Plans should identify target audience, venue, theme, budget, and logistical plan for the fashion show; OR

D. an outfit you purchased and explain 3 methods of clothing repair that you have learned, i.e. torn seam, torn hem, replacing a button, etc. Display should also include photos and list of your assembled clothing first aid kit. Include itemized expenses; OR

E. An outfit you purchased, and feature any other completed activity from the Shopping In Style curriculum of your choosing that isn't listed above.

Adding

Intermediate Classes to all Style Revue Classes

Small Engines

1. Only those who have met the requirements of the small engine project are eligible to exhibit in this division.
2. An exhibitor may enter up to three items in this division, but only one article per class. Use the entry card available from your Extension Office. Record all requested information and securely attach to exhibit.
3. Items that have been in use should be cleaned for exhibit.
4. A sheet of operating instructions must be furnished for any exhibit not self-explanatory.
5. Each exhibit must have a scorecard completed and attached securely. This scorecard is available from your Local Extension Office.
6. An exhibitor may enter up to three items in this division, but only one article per class.

CLASSES

4610 Display: Exhibit a display, selecting one of the following options: 1) a display identifying different engine or lawn and garden equipment parts or a display showing the function of the various engine or lawn and garden equipment parts; OR 2) a display identifying and explaining the function(s) of different special tools Page | 95 needed for small engine work; OR 3) a display illustrating and providing the results of any one of experiments that are included in the project books. No complete engines, lawn tractors, tillers, chainsaws are permitted for display. Maximum tri-fold size is 3' x 4'.

4611 Maintenance: Exhibit a display that illustrates either: 1) Routine maintenance procedures OR 2) Diagnosing and troubleshooting specific problems in an engine. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display, using a maximum tri-fold size of 3' x 4'.

4612 Operation: Exhibit an operable small engine (no more than 20 HP) overhauled or rebuilt by the member. Include maintenance schedule for the engine and a brief description of steps taken by the member overhauling or rebuilding the engine. Maximum tri-fold size is 3' x 4'. Engine should contain no fuel in tank or carburetor. Alternative ENERGY (A form of energy derived from a natural source, such as the sun, geothermal, wind, tides or waves). All exhibits in this division are limited in size to standard, tri-fold, display boards (36" X 48") and items may not extend beyond 12" from the back board. All displays must be self-standing.

Visual Arts

#11 Each county may submit one entry from each of the five categories (Fine Arts, Clay and Ceramics, Leather and Jewelry, Three-Dimensional, and General Crafts) for a total of five entries per county. If a county doesn't have an entry for one of the classes, they may submit a second entry in one of the other classes to meet the quota of five entries per county.

Wildlife

#1 Exhibitors must comply with state and federal laws. It is illegal to possess threatened or endangered wildlife, or the feathers, nests, or eggs of nongame birds. Game birds and game animals taken legally during an open season may be used. Every wildlife on display must have a statement about how they were obtained legally. The use of live wild animals in educational exhibits is prohibited.

#2 KSRE, 4-H Youth Development and the Kansas State Fair are not responsible for damage during the exhibition period.

#3 Name, county or district, age and year in project should be in a prominent location on the exhibit.

Classes

5403 Fish Harvesting Equipment - (SF168) - Board exhibit. Display of equipment used in fish harvesting. Examples: fishing knots, hooks (with corks over ends for safety), lures. Label all items displayed. Include in your exhibit the following information: the purpose of each item, when or where each item is used.

5404 Build a Fishing Rod - (SF169) - A fishing rod educational exhibit may not exceed 96 inches in length. Exhibit must be mounted on a board. Include with the exhibit: Explanation of cost of materials/components and how many number of hours required for construction. Label all parts. Necessary components which must be included are grip, line guides (based on manufacturers specifications), guide wraps, and hook keeper. Reel seat needs to be aligned with guides, and guides aligned accurately down rod. Guide wraps of size A to D, nylon or silk thread. Exhibit will be judged on: workmanship, labeling of parts, information, and neatness.

5405 Casting Target - (SF170) - Make a casting target for exhibit and use. Target must be under 48" x 48". The bullseyes must be 2 feet, outer band must be 1 foot in diameter and can have up to 3 rings. The exhibit must be easy to store, durable, and weather resistant. Include the purpose and rules of using your casting target.

5406 Wildlife Harvesting Equipment - (SF171) - Board Exhibit. Display of equipment used in harvesting wildlife. Examples: expended ammunition casings (no live ammunition permitted), steel traps, hide stretchers, fleshers, etc. For displays of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed: the purpose of each item, when or where it is used and personal experiences with the item.

5407 Inventing Wildlife/Fish Harvesting Equipment, Aid or Accessory - (SF168) - Use engineering principles to invent or adapt equipment that helps you harvest fish or wildlife. This could include wildlife calls, adapted fishing pole for shallow water, a blind, decoys, etc. Share your drawing (or adapted plans), how the equipment works, how you tested it, and the results of testing your prototype, and any adjustments you made.

5408 Tanned Hides - (SF172) - Exhibit of a wild animal hide properly processed by the member. If not mounted, must be in a clear clothing bag with hanger. al field experiences, study, OR observations that relate to the exhibit.

5409 Taxidermy - (SF172) - Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to mounting. Include the animal's name and the following: information about the exhibitor's personal field experiences, study, OR observations that relate to the exhibit.

5410 Wildlife Tracks - (SF158) - Board or diorama-type box exhibit. Make a display of animal tracks using plaster-of-paris casts. There are 3 options. For all options, include a brief description of your experiences in making the tracks so the judges better understand what you did and learned. Positive casts (impressions as they would be in nature) are preferred. - Option 1 should show plaster-of-paris tracks of five or more kinds of wildlife along with a picture or illustration of each kind of animal. (OR) - Option 2 should show two or more plaster-of-paris tracks of one specific kind of wildlife and should include a picture or illustration of the animal, what the animal may eat, and what may eat the animal. (OR) - Option 3 should show two tracks and include the animal's habitat needs including preferred food, shelter, water, and space in addition to picture or illustration of the animal.

5411 Wildlife Knowledge Check - (SF159) - Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife conservation or shooting sports related knowledge. Plan size and shape to fit transportation and display; maximum size 24 x 24 inches.

5412 - Houses - (SF165) - Make a house for wildlife. Examples: bird house (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) or bat house; no insect houses. Make the house functional so that dimensions, hole size etc. are appropriate to fit the intended species' needs. Include the following information: 1) the kinds of animal(s) for which the house is intended, 2) where and how the house should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations from experiences.

5413 Feeders/Waterers - (SF166) - Make a bird bath or feeder. Examples: seed, suet, or nectar feeders. Squirrel feeder okay; no insect feeders. Include the following information: 1) the kinds of animal(s) for which the water/feeder is intended, 2) where are how the water/feeder should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations or experiences.

Changing Names

~~Home Environment~~ -> Interior Design & Architecture

~~Construction~~ -> Sewing & Textile Design

~~Field Crops~~ -> Agronomy

Horticulture & Landscape Design