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4-H and FFA General Rules

- Exhibitors must be currently enrolled in 4-H or FFA in the project they want to exhibit.
- Exhibitors must be enrolled in the program by December 1 to be eligible to exhibit at the County Fair.
- Entries must be a product of the current year's work.
- **Copyright Laws:** Exhibitors should learn the guidelines and exercise caution when using copyrighted materials, whenever possible, by originating their own work. Exhibitors should use a copyrighted and/or trademarked product or service (a brand name, label, or product) with caution. A copyright and trademark are legal methods writers, artists, corporations, and others use to protect their original work. Protected items may range from books to music, logos to computer graphics. Copyrighted and/or trademarked materials used in displays, demonstrations, posters, or other activities will be disqualified if the exhibitor does not request permission to use the copyrighted and/or trademarked materials and will not be displayed or receive ribbons. Using and including specific brand names for educational purposes does not imply endorsement or refusal by the Department of 4-H Youth Development, Kansas State University Agriculture Experiment Station, Cooperative Extension Service, or the State of Kansas.
- All entries except livestock must have the official 4-H entry tag. Tags will be printed at the Extension Office and will be available for members at each event. Special tags or forms are required for specific projects, and these are listed under each separate division.
- It is the responsibility of the individual 4-H or FFA member to pre-enter exhibits with the Extension Office by the required date.
- Entries in all classes must be made on an official 4-H entry blank and turned into the Extension Office by **4:00 p.m. on MONDAY, JULY 7.**
- Classes divided by age are based on a 4-H/FFA member's age on January 1 of the current year.
- In divisions with three age divisions, they are as follows: Junior (7 - 9), Intermediate (10 - 13), and Senior (14 and older). With two age divisions, they are as follows: Junior (13 and under) and Senior (14 and older).
- **MAKE A SEPARATE ENTRY FOR EACH PROJECT SHOWN (animal, craft, etc.)**
- One entry for each class or phase enrolled in is allowed unless otherwise stated.
- An exhibit may only be entered in one class.
- Members must enter and exhibit in the projects they are enrolled in.
- **All exhibits must be in place and entered by 10:00 a.m. on July 16.** Market livestock entries must be in place by **7:45 p.m. on July 15.** Breeding beef must be checked in by **8:00 p.m. on July 15.**
- All entries must remain in place until **1:00 p.m. on Saturday, July 19.** All entries must be removed by 2:00 p.m. The Exception is sale animals.
- Any exhibitor who removes their entries before the appropriate checkout time will **FORFEIT** their premium money and awards!!
- Grand Champion and Reserve Grand Champion may be awarded in all divisions where the exhibits merit the award, except when otherwise designated.
- An exhibit receiving a top blue or higher will be eligible for the Kansas State Fair **IF CLASS AND AGE REQUIREMENTS ARE MET.** An * is used to denote classes that are not state fair eligible. The minimum age to exhibit at the Kansas State Fair is 9 years old by January 1 of the current year.
- All entries will be placed in the blue, red, or white ribbon groups. The Fair Association sets aside \$1,000 for ribbon premium money. The money will be divided among exhibitors based on the following point system. Grand & Reserve Grand Champion – 5; Class Champion & Reserve Class Champion – 4; Blue – 3; Red – 2; White – 1.

Section 1 - Inside Exhibits

Division 1A - Agronomy & Horticulture

A maximum of 10 entries are accepted in the Agronomy & Horticulture division—**no more than one entry per class.**

Entries must be exhibited properly -- seeds in jars, vegetables on plates, flowers in vases, or whatever is appropriate for the product.

4-H'ers must provide their plates, jars, etc. for their exhibits.

Products exhibited in this division must have been grown by the 4-H member in the current year, except for soybean seed, edible field bean seed, and corn seed.

Exhibits should be as mature as possible.

Each crop entry must be identified by the hybrid or variety name.

All classes calling for a gallon sample may have a 2 ½ - 3-inch diameter cylinder placed in a glass gallon container to reduce the amount of grain to about three quarts.

Hay samples should be approximately 15"x12"x6". Maximum thickness of 6" and minimum of 5". Hay samples should be tied with a "T". Wrap the twine horizontally around the hay and tie, then wrap vertically and tie.

CORN

- Class 1 White - Ten ear exhibit
- Class 2 Yellow - Ten ear exhibit
- Class 3 One gallon sample

SORGHUM

- Class 4 Hybrid grain sorghum - ten head exhibit
- Class 5 Hybrid forage sorghum. Exhibit to consist of the entire plant; no roots. 5" bundle, tied
- Class 6 Other forage sorghums. Exhibit to consist of the entire plant; no roots. 5" bundle, tied

WHEAT - One Gallon Sample

- Class 7 Soft red winter wheat
- Class 8 Hard red winter wheat
- Class 9 Hard white wheat

SUNFLOWERS

- Class 10 Confectionery heads. 3 heads
- Class 11 Confectionery seeds in jar. 1 gallon
- Class 12 Oilseed heads. 3 heads
- Class 13 Oil seeds in jar. 1 gallon

OTHER CROPS

- Class 14 Oats - 1 gallon
- Class 15 Barley - 1 gallon
- Class 16 Brome Grass Seed - 1 gallon
- Class 17 Other Tame Grass Seed - 1 gallon
- Class 18 Edible Field Beans - 1 gallon
- Class 19 Edible Field Beans - Bundle of 5 plants (with roots intact)
- Class 20 Miscellaneous Crops - 1 gallon or 10 heads
- Class 21 Cotton - 10 open bolls, not 10 plants. Place bolls in a bag that can breathe (not a sealed plastic bag), so mold doesn't develop.

HAY CROPS

- Class 22 Alfalfa Hay - 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 thick and tied in two directions.
- Class 23 Native Grass Hay - Ten-inch flake or slice, 6 inches thick and tied in two directions.
- Class 24 Cool Season Grass Hay (e.g., fescue, brome, etc.) - Ten-inch flake or slice, 6 inches thick and tied in two directions.

SOYBEANS

- Class 25 Soybeans - 1 gallon of seed
- Class 26 Soybeans - Bundle of five plants

VEGETABLES/FRUITS

Information about exhibiting produce is available online in the publication “Exhibiting Fruits and Vegetables,” available at <http://www.bookstore.ksre.ksu.edu/pubs/c405.pdf>.

Class 27 **Garden Display** - Limited to four square feet of space. The Garden Display must be exhibited in a tray, basket, or container that can be easily moved. The exhibit will consist of five different fresh vegetables or fruits. Canned products and shelled vegetables are not acceptable. Only one variety of a specific vegetable or fruit may be exhibited. The number of vegetables/fruits is to be as follows:

Large Vegetables - 1 each: Cabbage, Cantaloupe, Eggplant, Large Pumpkin, Squash, Watermelon.

Medium Vegetables - 5 each: Beets, Carrots, Cucumbers, Decorative Gourds, Potatoes, Miniature Pumpkins, Okra, Onions, Peppers, Radishes, Sweet Potatoes, Tomatoes, Garlic, or other similar-sized vegetables.

Small Vegetables - 12 each: Green snap beans, wax beans, English peas, cherry and pear tomatoes, or other similar-sized vegetables.

Small Fruits - One-half pint box: Strawberries, blackberries, raspberries, or other similar-sized fruits.

Tree Fruits - 5 each: Apples, pears, peaches, or similar-sized fruits.

Grapes - 2 bunches

- Class 28 Small vegetable specimen plate (12) Example: green snap beans, yellow wax beans, cherry tomatoes, other small vegetables.
- Class 29 Medium vegetable specimen plate (5) Example: cucumbers, tomatoes, beets, white onions, yellow onions, red onions, bell peppers, other peppers, okra, parsnips, radishes, turnips, sweet potatoes, red potatoes, white or Russet potatoes, carrots, miniature pumpkin, decorative gourds, garlic, or other medium vegetables.
- Class 30 Large vegetable specimen plate (1) Example: watermelon, summer squash, winter squash, large type pumpkin, eggplant, cabbage, cantaloupe, other large vegetable.
- Class 31 Fresh Culinary herbs (6) ex: parsley, basil, dill, etc. Six (or a comparable quantity) of *one variety* of fresh herbs must be exhibited in a disposable water container. Dried herbs are not accepted.
- Class 32 Small fruits (one-half pint box) Ex. Strawberries, blackberries, raspberries, or other similarly sized fruits.
- Class 33 Tree fruits (plate of 5) Ex. apples, pears, peaches, or similar-sized fruits.
- Class 34 Grapes (plate of 2 bunches).

FLOWERS

Information about exhibiting flowers can be found online in the publication “Preparing Cut Flowers for Exhibit”, available at <http://www.bookstore.ksre.ksu.edu/pubs/4H826.pdf>

Members must exhibit cut flowers and fresh floral arrangements in disposable containers. If a non-disposable container is used, mark it plainly with your name. The Elk County Fair is not responsible for losing or damaging flower arrangements, vases, or containers.

All floral materials must be grown and/or collected by the exhibitors. Do not use purchased plant materials. Entries should not take over one square foot of table space.

Potted plants **are not accepted**.

All entries must be freestanding, easily moved, and not require any special equipment to display. Hanging entries are not accepted.

Class 35 Annual Garden Flower, cut specimen, single stem.

Class 36 Perennial Garden Flower, cut specimen, single stem.

Class 37 Fresh Flower Arrangement. Flower materials must be grown and/or collected by the exhibitor, not purchased.

Class 38 Dried Flower Arrangement, no fabric or plastic material allowed. Materials must be grown/collected by the exhibitor.

Class 39 **Horticulture Notebook** - Entry shall consist of a notebook or three ring binder of written narrative describing a horticulture project such as a landscape design, landscape installation, lawn renovation, water garden, flower garden, vegetable garden, lawn mowing service, landscape maintenance business, farmer's market business, or other horticultural project. 4-H members are encouraged to include photographs, illustrations, and/or landscape drawings that help explain work done by the member. Photos taken from the exact location before, during, and after the completion of the project are invaluable. Horticulture notebook scoring is based on the following criteria: Organization and General Appearance (neat, includes title page and table of contents, original, creative, etc.) 20%, Narrative (including goals, successes, failures, etc.) 40%, General Content (subject matter, photos, maps, knowledge gained, etc.) 40%.

Division 1B - Booths & Banners

Booths and banners should illustrate a phase of 4-H work practiced by youth in 4-H or promote 4-H in general.

Clubs should avoid using copyrighted materials whenever possible by originating their work.

Copyrighted and/or trademarked materials utilized in banners for endorsement or promotion instead of educational purposes will be disqualified and will not be displayed.

Space allowed for booths is six feet deep and six feet wide. Banners are two-dimensional displays, depicting one idea. Banners should be made of non-flammable materials that permit the banner to be folded or rolled without damaging the display. Three-dimensional objects may not be attached to the banner.

Dimensions of banners are to be 12-16 square feet, with no side less than 3 feet. Banners must be hung on a rod strong enough to support the banner. On each end of the dowel rod, a wire or chain must be 6" long. On the other end of the 6" chain, attach an "S" hook which will permit the banner to be suspended by the chains on the wire.

Attach a label to the front lower left-hand (as you face it) corner of the banner, giving the club's name. Letters should be two inches in height.

Class 40 Club Booth*

Class 41 Club Banner*

Division 1C - Educational Posters, Notebooks & Displays

These exhibits include projects for which there is no separate division. Projects are: Civic Engagement, Communications, Environmental Science, Family Studies, Health & Wellness, Leadership, Performing Arts, Pets, Reading Adventures, Self-Determined, Shooting Sports, Veterinary Science, and Wildlife.

There should be an educational or promotional message.

Avoid copyrighted and/or trademarked materials.

Exhibits should be a poster, a notebook, or a display, depicting work done in the project. Exhibits will be judged on general appearance, information, and organization.

Each exhibitor may enter one exhibit per project area.

Notebook exhibits should be in a loose-leaf binder, with the following information on the front cover:

Name, club, and project area.

Poster exhibits must not be larger than 22 x 28 inches.

Educational Displays must be the standard tri-fold board only; must not exceed standard tri-fold: 3' wide x 4' tall.

An overall Grand & Reserve Grand Champion in both Jr and Sr divisions may be selected.

Exhibitors must comply with state and federal laws. Possessing threatened or endangered wildlife, or the feathers, nests, or eggs of non-game birds, is illegal. Game birds and animals taken legally during an open season may be used. The use of live animals in educational exhibits is prohibited.

Class 42	Educational Display (Jr) - name project
Class 43	Educational Notebook (Jr) - name project
Class 44	Educational Poster (Jr) - name project
Class 45	Educational Display (Sr) - name project
Class 46	Educational Notebook (Sr) - name project
Class 47	Educational Poster (Sr) - name project

Division 1D - Engineering & Technology

AG MECHANICS WELDING

For a complete set of Ag Mechanics Welding rules and information, contact the Extension Office for the Kansas State Fair guidelines.

Each exhibitor must complete the "4-H Ag Mechanics Welding Exhibit Information Form" for each exhibit, except for display boards, 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 before the 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.

Each exhibit information packet should include the following items:

- Bill of materials for the project with associated costs, such as scrap items used, may be listed as having a \$0.00 cost.
- 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to a final or completed state.
- If appropriate schematics or working drawings relating to the creation or repair, this is not required for display boards.
- If appropriate, operating instructions.

- Class 48 Welding Display Board - A 3'x3' display board with different pieces of metal attached illustrating different types of welds, each weld being labeled.
- Class 49 Welding Ag Repair - Repair of ag equipment with welding.
- Class 50 Welding Ag Fabrication - Creation of new ag equipment with welding
- Class 51 Welding General Repair - Repair of non-ag equipment with welding
- Class 52 Welding General Fabrication - Creation of non-ag equipment with welding
- Class 53 Welding Artistic Fabrication - Creation of artistic or interpretive pieces with welding
- Class 54 Brazing Repair
- Class 55 Brazing Fabrication
- Class 56 Smithing - A design forged with at least three different formed elements (twists, spirals, and bulbs, for example)
- Class 57 Poster, Notebook, or Educational Display

AEROSPACE/ROCKETRY

For a complete set of Aerospace/Rocketry rules and information, contact the Extension Office for the Kansas State Fair guidelines.

- Class 58 Rocket made from kit - Include plans
- Class 59 Scale Model Rocket made from kit - Include plans
- Class 60 Rocket designed by exhibitor - Not merely a modification of an existing kit. Include original plans.
- Class 61 Scale Model Rocket designed by exhibitor - Not merely a modification of an existing kit. Include original plans and stability testing
- Class 62 Rocket designed by two or more exhibitors - Not merely a modification of an existing kit. Include original plans.
- Class 63 Mid or high-power rocket made from a kit or original design
- Class 64 Educational Display, Poster, or Notebook

ASTRONOMY

Contact the Extension Office for the Kansas State Fair guidelines for a complete set of Astronomy rules and information.

- Class 65 Telescope made from a kit
- Class 66 Telescope made from an original design
- Class 67 Educational Display, Poster, or Notebook

BUILDING BLOCK ENGINEERING

For a complete set of Building Block Engineering rules and information, contact the Extension Office for the Kansas State Fair guidelines.

- Class 68 Diorama built from a kit
- Class 69 Diorama built from scratch
- Class 70 Building Block Engineering Educational Display
- Class 71 Building Block Engineering Educational Notebook
- Class 72 Building Block Engineering Educational Poster

COMPUTER SCIENCE

For a complete set of Computer Science rules and information, contact the Extension Office for the Kansas State Fair guidelines.

- Class 73 Computer program, application, app, script, or coded system that is new and unique (not merely a file run in a program, such as a 'Word' document or a picture drawn in 'Microsoft Paint').
- Class 74 Microcontroller or microcomputer application - a small circuit board that is programmed to accomplish a specific task (projects built and programmed using Raspberry Pi, Arduino, etc)
- Class 75 Computer Educational Display
- Class 76 Computer Educational Notebook
- Class 77 Computer Educational Poster

ELECTRIC & RENEWABLE ENERGY

For a complete set of Electric & Renewable Energy rules and information, contact the Extension Office for the Kansas State Fair guidelines.

Electrical and Electronics

Class 78 **AC ELECTRIC** - Electric projects with a 110 or 120V alternating current (AC) power source. Some project examples are household wiring demonstrations, small appliance 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 240V exhibits are allowed, and must be constructed so that the judges can examine the workmanship quality.

Class 79 **DC ELECTRIC** - Electric projects with a battery or direct current power source. This class includes electric kits or original projects. This class also includes demonstration DC-powered projects. Examples include: wiring two or three-way switches, the difference between series/parallel lighting circuits, or wiring doorbell switches. All DC electric projects must work with batteries supplied by the 4-H'er. Projects must be constructed so that the judges can examine the quality of wiring workmanship.

Class 80 **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 the instruction/assembly manual if it's from a kit. Include plans if an original project. Projects must be constructed so that the judges can examine the quality of wiring workmanship.

Class 81 **NEWLY BUILT OR REPAIRED COMPUTERS** - This class is for newly built or repaired computers (laptop or PC) and allows 4-H members to demonstrate skills integrating the various parts of a computer into a single unit. Displays should show either a fully functional computer or show what the individual components do. The display should be free of dust and cabled neatly. Fully functional computers should boot up and do not need to include a monitor, keyboard or mouse.

ROBOTICS

Contact the Extension Office for the Kansas State Fair guidelines for a complete set of Robotics rules and information.

- Class 82 Robot made from a commercial (purchased) kit (no programming, just assembly)
- Class 83 Robot designed by the exhibitor
- Class 84 Programmable robot made from a commercial (purchased) kit
- Class 85 Robot designed and constructed by the exhibitor or from a commercial kit, that is operated by a remote-controlled device

- Class 86 Junk Drawer Robotics
- Class 87 Robotics Educational Display
- Class 88 Robotics Educational Notebook
- Class 89 Robotics Educational Poster

SMALL ENGINES

For a complete set of Small Engines rules and information, contact the Extension Office for the Kansas State Fair guidelines.

Class 90 **DISPLAY** - Exhibit a display, selecting one of the following options: 1) a display identifying different engine or lawn and garden equipment parts or a display showing the function of the various engine or lawn and garden equipment parts; OR 2) a display identifying and explaining the function(s) of different special tools needed for small engine work; OR 3) a display illustrating and providing the results of any one of experiments that are included in the project books. No complete engines, lawn tractors, tillers, or chainsaws are permitted for display. Maximum tri-fold size is 3' x 4'.

Class 91 **MAINTENANCE** - Exhibit a display that illustrates either 1) Routine maintenance procedures OR 2) Diagnosing and troubleshooting specific problems in the engine. No complete engines, lawn tractors, tillers, chainsaws, etc., are permitted for display, using a maximum tri-fold size of 3' x 4'.

Class 92 **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. Engine should contain no fuel in tank or carburetor.

UNCREWED AERIAL SYSTEMS

For a complete set of Uncrewed Aerial Systems rules and information, contact the Extension Office for the Kansas State Fair guidelines.

Class 93 Uncrewed Aerial System designed and constructed by exhibitor that is operated by a remote-controlled device. The UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.

Class 94 Practical application of an Uncrewed Aerial System constructed from a commercial (purchased) kit. This includes one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, and bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

- Class 95 Uncrewed Aerial Systems Educational Display
- Class 96 Uncrewed Aerial Systems Educational Notebook
- Class 97 Uncrewed Aerial Systems Educational Poster

Division 1E - Entomology

A member may exhibit in the Entomology Collection, Entomology Notebook, and/or Educational Display categories. Each category has classes in Beginning, Intermediate, or Advanced phases. The introductory entomology collection class is for first-year members only and is not eligible for the Kansas State Fair.

Resources for exhibiting can be found on the Kansas 4-H Entomology project page: <https://www.kansas4-h.org/projects/natural-resources/entomology/index.html>

COLLECTION CLASSES

All entries should be submitted in an 18" x 24" x 3.5" wooden display box with a clear plastic top (such as plexiglass). Boxes can be handmade or purchased if they are of the correct size.

4-H'ers may choose to use one of two taxonomies: a) as printed in "Insects in Kansas" book or b) www.bugguide.net.

Each exhibitor must identify each box with two identification labels bearing the Exhibitor's name, county or district, the collection class 4-H'er is enrolled in, and a statement of taxonomy used.

One label goes in the upper left corner of the box (inside) and the other on the lower right corner of the box (outside). Arrange specimens in the box so the box can be displayed lengthwise.

The number of orders, specimens (and families where required) must be included on both of the exhibitor's box identification labels. Only one adult insect per species can be used in the Collection Boxes and Notebook classes, unless labeled as male or female and correctly identified.

Arrange specimens in groups or rows parallel to the short sides of the box. Specimens are to be arranged by Order in the box, then Family, where required.

Two labels should be centered on the pin beneath each specimen for each collection class. The first (closest to the specimen) is the common name label, and the second should include date/locality. The full county name and state abbreviation should be on the second label. The collector's name (or host) on the date/locality label is optional.

The specimens should be collected by the exhibitor and should focus on Kansas insects. Insects may be collected from one county into bordering states and labeled accordingly.

Only specimens of the class Insecta should be included.

Purchased insects are not to be exhibited in collections but may be used in educational displays.

Specimens of soft bodied insects such as aphids, lice, termites, etc. should be exhibited in alcohol filled vials; however, the use of alcohol filled vials should be limited to only those specimens that lose their shape when pinned, since the vials pose a significant hazard to the rest of the collection if they become loose in transit.

Any major violation of the rules will result in the exhibit being dropped one ribbon placing. Examples would include, but are not limited to: incorrect display box size, missing paperwork, feet on display boxes, no special project in notebooks, etc.

After the first year in Entomology, all 4-H members need to add an 8 ½ by 11-inch sheet of paper to their collection that states what they did to improve their collection for the current year. This should include how many new insects were added to the display box (please list), how many insects were replaced in the display box (please list), and the number of new orders and/or families added to the display box. Other optional things that could be included are the number of insects caught for the year, the number of new Orders added this year, the number of talks and/or demonstrations given, activities participated in, leadership roles, etc. This paper should be taped to the upper left corner of the front of your display box.

The following insects are listed as Threatened or Endangered by the Fish and Wildlife Service. Because of this, no specimens of the following species may be caught or displayed in insect collections or educational displays. If specimens of these species are included in collections or educational displays, it will be counted as a major violation. Any major violation of the rules will result in the exhibit being dropped one ribbon placing. Please refer to www.kanas4-h.org on the Entomology project page for more information.

American Burying Beetle (*Nicrophorus americanus*)

Monarch Butterfly (*Danaus plexippus*)

Eastern Regal Fritillary Butterfly (*Argynnis idalia idalia* or *Speyeria idalia*)

Western Regal Fritillary Butterfly (*Argynnis idalia occidentalis* or *Speyeria occidentalis*)

Great Spangled Fritillary (*Speyeria cybele*)

At least 10 new specimens must be added and/or replaced each year.

INTRODUCTORY ENTOMOLOGY

Class 98 **For Beginners*** - This class is for first-year members in Entomology. These collections may be exhibited in small cardboard or plastic boxes. Boxes can be homemade by placing a layer of polystyrene foam in the bottom of a shoebox, school box, or storage container, or purchased from a biological supply company.

BEGINNING ENTOMOLOGY I

Class 99 **Collection** - Display in one standard box a minimum of 50 and a maximum of 125 species representing at least seven orders. Follow the general rules listed for all collections. Members can exhibit in this class for a maximum of three years.

BEGINNING ENTOMOLOGY II

Class 100 **Collection** - Display in one standard box a minimum of 75 and a maximum of 150 species representing at least nine orders. Follow the general rules listed for all collections. Members can exhibit in this class for a maximum of three years.

INTERMEDIATE ENTOMOLOGY

Class 101 **Collection** - Display a minimum of 100 and a maximum of 300 insects representing at least 10 orders. Two standard boxes can be used. Follow the general guidelines listed for Collections. In addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging)

a) "Insects in Kansas" book - Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or

b) "Insects in Kansas Book: 2016 Revised Taxonomy", which follows www.bugguide.net - Taxonomy - Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera.

Members can exhibit in this class for a maximum of three years.

ADVANCED ENTOMOLOGY

Class 102 **Collection** - Display at least 150 and a maximum of 450 insects representing at least 12 orders. Three standard boxes can be used. Follow the general guidelines listed for Collections. Family identification is required for all insects belonging to the six basic orders outlined in the Intermediate phase. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. Members can exhibit in this class for an unrestricted number of years.

NOTEBOOK CLASSES

Individual entries will be displayed in a three-ring notebook for competition.

4-Hers who have been previously enrolled in or are currently enrolled in the other phases of the Entomology project need to start with the Beginning Phase of Entomology Notebooks, not the Introductory phase.

Each exhibitor is required to identify the notebook by placing a Title Page in the front of the notebook bearing the exhibitor's name, county or district. The class 4-H'er is enrolled in and the statement of taxonomy used:

a) "Insects in Kansas" book or

b) www.bugguide.net

The number of orders, specimens, and families (required in Intermediate and Advanced classes) must also be included on the Title Page.

Specimen pages should be grouped according to order and include one per species. If more than one insect is in the photo, an arrow should be used to indicate the identified insect.

Date, common name, full county name, and state abbreviation should be included for each species. The collector's name on the specimen page is optional.

Specimen pages should have two different views of the insect if possible. If pictures are taken on different dates/localities, include information for both.

A statement describing the habitat where/host plant is found may be included and is encouraged, and will be worth a bonus 10 points total, not per page. For Intermediate and Advanced notebooks, this is strongly encouraged.

A divider page is to be placed in front of each order of insects, with the order name printed on the tab for the page as well as on the front of the divider page.

For the Intermediate and Advanced classes, insects are also to be grouped by family behind each order divider.

A special project must be completed each year and included in the notebook. See project guideline materials for specifications.

After the first year in Entomology, all 4-H members need to add an 8 ½ by 11-inch sheet of paper to their Photo Collection Notebook that states what they did to improve their notebook for the current year. This should include how many new insect photo pages were added to the Notebook (please list), how many were replaced in the Notebook (please list), and the number of new orders and/or families added to the Notebook. Other optional things that could include are the number of insects photographed for the year, the number of new Orders added this year, the number of talks and/or demonstrations given, activities participated in, leadership roles, etc. This paper should be placed right behind the Title Page in your Notebook.

At least 10 new species pages must be added and/or replaced each year.

Class 103 Introductory Notebook - Display a minimum of 10 and a maximum of 30 insect species representing at least 6 different orders. Follow the general guidelines listed for Notebooks, including the Special Project. A 4-H member may exhibit in this class for a maximum of two years.

Class 104 Beginning Notebook - Display a minimum of 20 and a maximum of 50 insect species representing at least 7 different orders. Follow the general guidelines listed for all Notebooks, including the Special project. Members can exhibit in this class for a maximum of three years.

Class 105 Beginning II Notebook - Display a minimum of 40 and a maximum of 70 insect species representing at least 8 different orders. Follow the general guidelines listed for all Notebooks, including the Special project. Members can exhibit in this class for a maximum of 3 years or until they receive a purple ribbon at the Kansas State Fair.

Class 106 Intermediate Notebook - Display a minimum of 60 and a maximum of 100 species representing at least 9 orders. Follow the general guidelines listed for Notebooks, including the Special Project. In addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging)

a. "Insects in Kansas" book - Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or

b. "Insects in Kansas Book: 2016 Revised Taxonomy," which follows www.bugguide.net - Taxonomy - Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera.

Members can exhibit in this class for a maximum of three years.

Class 107 Advanced Notebook - Display a minimum of 100 and a maximum of 200 species representing at least 12 orders. Follow the general rules listed for Notebooks, including the Special Project. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. Members may continue to exhibit in this class for an unrestricted number of years.

EDUCATIONAL EXHIBIT CLASSES

Share with others what you learned in this project. Exhibit any activity or learning experience related to the field of entomology or the Teaming with Insects curriculum that does not fit into the Entomology Collection or notebook classes above.

Follow copyright laws as explained in the General Rules.

The exhibit may be, but isn't limited to, original works, digital presentations (must provide printed hardcopy for exhibit purposes for duration of state fair), programs, websites, games, apps, display box, notebook, display or poster which you have made.

If the exhibit is a wooden display box, it must be 18 x 24 x 3.5 inches with a clear plastic top (such as plexiglass) and displayed horizontally. If the exhibit is a poster, it must not be larger than 22" x 28". If the exhibit is a display, the maximum size is not to exceed a standard commercial 3' x 4' tri-fold display board.

Name and county/ district must be marked on educational exhibits.

- Class 108 Beginning Educational Exhibit
- Class 109 Intermediate Educational Exhibit
- Class 110 Advanced Educational Exhibit

Monarch Butterfly Educational Display Rules:

Monarch Butterflies were officially put on the Endangered Species List on July 21, 2022. Having the scientific name *Danatus plexippus*, this migratory butterfly is well known for its spectacular annual journey of up to 3,000 miles across the Americas. It is now threatened with extinction due to habitat loss and climate change. 4-Hers can play a critical role in helping to bring habitat back for the Monarch Butterfly. They can help educate the public on ways to establish food sanctuaries for this butterfly species and help bring them back from the threat of extinction.

Exhibits should teach the public about the Monarch Butterfly and/or ways to protect and conserve it. The information could show nectar sources for adult butterflies and food sources for caterpillars, Monarch tagging activities, collection of native milkweed, and then packaging it to give to others to plant, a group working together to plant a Monarch-friendly garden, etc.

4-Hers may create a poster, notebook, standard-size tri-fold, diorama, slide show, or other visual display that shows information on Monarch Butterflies

If a slide show is created, it should be presented on a zip drive along with a printed copy of the presentation.

- Class 111 Beginning Monarch Butterfly Educational Display
- Class 112 Intermediate Monarch Butterfly Education Display
- Class 113 Advanced Monarch Butterfly Educational Display

Division 1F - Forestry

Name, age, club, and year in project should be on the front cover or in a prominent location. All leaf exhibits are to be mounted on 8 ½" x 11" heavy stock paper and placed in 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 tri-fold size is 3' x 4'). Resources for exhibiting are located on the Kansas 4-H forestry project page: <https://www.kansas4-h.org/projects/natural-resources/forestry/index.html>

Leaves should be identified with an appropriate label near the leaf on the same page. These labels should include (1) the proper common name as listed in the 4-H Bulletin 334 "List of Native Kansas Forest Trees"; (2) Scientific Name; (3) Location (city and or county) where collected; and (4) date (day, month, year). Divide specimens into the following two sections: Native Kansas Trees and Non-Native Trees.

New specimens are those specimens collected during the current 4-H year and cannot be duplicate tree species of previously displayed specimens.

Group specimens according to the years collected (ex. “old-previous years” and “new”).

Variations of varieties do not count as different species or specimens.

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.

If you retrieve information for your forestry exhibit, you must include a reference citation to the source.

In all leaf collections, exhibit one complete leaf, where possible; if the leaf is too large, exhibit as much as possible. Sketch the entire leaf in reduced scale and illustrate where the exhibited portion is from. Note: A “leaflet” is incorrect when displayed as the complete leaf for the tree.

All work must show originality. Leaf collections and displays should not closely resemble work done by others in the same club.

Knowing trees as individuals

(Leaf collections)

Class 114 Exhibit a minimum of 10 different leaves from native Kansas trees collected within the year. The exhibit can include non-native leaves and the required number of leaf specimens collected from native Kansas trees. OR, it can exhibit at least five native Kansas trees showing leaves, twigs, and fruit from each species collected.

Class 115 Exhibit a minimum of 20 different native leaves (including 10 new specimens) from native Kansas trees. The exhibit can include non-native leaves and the required number of leaf specimens collected from native Kansas trees. OR, it can exhibit at least 10 native Kansas trees showing leaves, twigs, and fruit from each species collected. This exhibit must include 5 new leaves, twigs, and fruit specimens.

Class 116 Exhibit a minimum of 30 different leaves (including 10 new specimens) from native Kansas trees. The exhibit can include non-native leaves and the required number of leaf specimens collected from native Kansas trees. OR, it can exhibit at least 15 native Kansas trees showing leaves, twigs, and fruit from each species collected. This exhibit must include 5 new leaves, twigs, and fruit specimens.

Class 117 Exhibit a minimum of 40 different leaves (including 20 new specimens) from native Kansas trees. The exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees, OR it can exhibit a minimum of 20 native Kansas trees showing leaves, twigs, and fruit from each species collected. This exhibit must include 10 new leaf, twig, and fruit specimens.

Class 118 **How A Tree Grows** - 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 a 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.

Class 119 **Tree Appreciation** - Entry may include a research or reporting notebook with no more than 10 pages based on the exhibitor's selected tree. The exhibit must be of different species of trees each year. This notebook may include sketches, drawings, pictures, a story, or any other things that will help tell about the tree you have selected.

Class 120 **Growing and Protecting Trees** - Entry requires a display or project notebook describing the project and pictures before, during, and after planting seedlings, a container tree, or a balled and burlapped tree. Maximum tri-fold size is 3' x 4'.

Class 121 **Tree Culture** - Entry requires a display or project notebook, showing your project work and includes pictures of before, during, and after wood lot improvement. Maximum tri-fold size is 3' x 4'.

Class 122 How Forests Serve Us - Entry may include collected wood samples (all or partial) and 2 page essay. Wood sample display to be mounted on poster board or any stiff material no larger than 3' x 4' tri-fold. Essay should be displayed in a covered binder.

Class 123 Educational/Creative Exhibit - Entry must be directly related to tree identification or Forestry. The type of exhibit is open (notebook, poster, collection box, etc.), given a maximum tri-fold size of 3' x 4'. Care should be taken to use durable materials that will withstand fair conditions. This is a good class to exhibit an unusual collection.

Division 1G - Geology

The exhibit box should be 18" x 24" x 3 ½". Plexiglas 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 exactly. A box with a sliding Plexiglas cover must be removable from the top. Screws, locks, or other devices that would prevent judges from removing the cover should not be used. For Lapidary classes, the dimensions of the box should be appropriate for the display but should not exceed 18" x 24" x 3 ½".

Each exhibitor is required to identify each display box by placing an identification label bearing name, county or district, and number of specimens in the upper left-hand corner of the plexiglas cover and by attaching a label with the same information on the lower right corner of the box (outside). Geology specimens should be labeled with the number of the specimen, date collected, specimen name or description, and locality (county) where collected.

For classes 125, 126, 127, and 128, specimens should be mounted in the box by proper groups: rocks, minerals, fossils. Fossils must be identified to the Phylum, Class, and Genus level (if possible, or part of the Genus cannot be determined). The Genus specimen name is to begin with a capital letter, and the whole specimen's name must either be italicized or underlined, not both. Species name is not required; however, if a species name is used, it must be all lowercase, either 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, mineral, or fossil species 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).

All specimens must be collected from locations in Kansas, with the exception of Tri-State Mining Area specimens collected from these three adjacent counties: Ottawa County, OK; Newton and Jasper Counties, MO. Other out-of-state specimens will not count in the minimum number for the class, nor will they be considered in the judging.

Exhibitors may enter both the geology and lapidary classes.

Class 124 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. Digital formats are accepted. List your sources used (example - web addresses or books reviewed as a citation list). The exhibit is limited to four feet of table space. Care should be taken to use durable materials that will withstand fair conditions.

Class 125 Box collection with at least 15 different rocks, minerals, and fossils collected during the current 4-H year. Limited to one box.

Class 126 Display at least 30 different rocks, minerals, or fossils, at least five of each. **15 must be collected during the current 4-H year.** Limited to one exhibit box.

Class 127 Display at least 45 rocks, minerals, or fossils, at least five of each. **15 must be collected during the current 4-H year.** Limited to two boxes. Identify the rocks as igneous, metamorphic, or sedimentary. These rock types must be spelled out on labels or have a legible key.

Class 128 Display at least 60 rocks, minerals, or fossils, at least five of each. **15 must be collected during the current 4-H year.** Exhibit limited to two boxes. Identify the rocks as igneous, metamorphic, or sedimentary. These rock types must be spelled out on labels or have a legible key.

Class 129 **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 must be grouped by mineral class (i.e., Carbonates, Oxides, Silicates), and at least 3 classes must be represented. The member must use one standard display box. The specimens must be labeled with the number of the specimen, date collected, name of specimen, county where collected, and chemical composition (i.e., CaCO₃ for calcite) if known.

Class 130 **Paleontology** - Display a minimum of 15 fossil specimens collected by the participant in Kansas, at least 5 of which have been collected during the current 4-H year. The fossils are to be grouped by Phylum and Class, and at least 3 phyla must be represented (Brachiopoda, Chordata, Mollusca, etc.) The member must use one standard display box. The specimens must be labeled with the number of the specimen, date collected, county where collected, formation, member, or source, phylum, class, and genus or part, and geologic age (Cretaceous, Permian, Pennsylvanian, etc).

Class 131 **Petrology** - Display a minimum of 15 rock specimens collected in Kansas, at least 5 of which have been collected during the current 4-H year. Rocks are to be grouped by the 3 rock classes (Sedimentary, Igneous, and Metamorphic). You must display at least one specimen from each of the three classes. The specimens must fit in one standard display box. Specimen labels must include a specimen number, the date collected, the name of the specimen, and the county where collected. All rocks must be identified by the formation and member name (Examples: Fort Hays Limestone, Member of the Niobrara Chalk Formation) or source (Examples: Rocky Mountain Outwash, glacial till).

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 132 **Lapidary** - Display at least 5 varieties of polished (tumbled) specimens and 5 varieties of unpolished specimens that have not yet received lapidary treatment. These do not have to be an example of "before and after," nor do they have to be self-collected. Locales must be identified.

Class 133 **Lapidary** - Display before and after examples of at least 3 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. There is no requirement that the 4-H'er collect any of these. Locales must be identified. Lapidary work should be done during the current 4-H year.

Division 1H - Interior Design & Architecture

Projects with missing or insufficient summaries will be lowered one ribbon placing (i.e., a blue ribbon exhibit will receive a red ribbon).

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

Class 134 Room Design Board - Select one room within your home or imaginary/future home (bedroom, bathroom, kitchen, etc.) to design. Create a basic floor plan showing wall footprint, including any furniture, fixtures, and/or cabinet layout. Include other illustrations, drawings, or photographs to help support your design. Also include material/finish samples (wall treatments, floor covering, paint samples, etc.) Label any drawings or finishes so the audience understands their intention. All finishes should be attached to the design board. To explain your design intent, write a brief description to be included on the design board. (no more than one page, 8 ½ x 11). Boards must be on foam core or a standard tri-fold display.

Class 135 Two Collages on Design Board - In this project, develop two imaginary interior rooms. Each room should start out with identical dimensions and features (doors, windows, etc.) The function of the room can be up to you (bedroom, coffee shop, art studio, etc.), but it should be the same for both rooms. For each space, create a feeling or mood for the occupants of the space. The mood created for one space should be the opposite or contrast to the second space. Choose a pair of contrasting words from the list provided (where do we put the list) to get started. Each collage must be on its own page. Page size preference and maximum is 11 x 17; can use smaller dimensions if needed. Collages should convey a space that includes a background, midground, and foreground. Once these are established, add as many layers as needed. Use print materials from magazines, colored paper, the internet, or other design materials to find furniture, lighting fixtures, textures, and other elements to complete each collage. For each collage, write a brief description of your design intent. (one to three paragraphs total). Adhere both collages and design intent on a foamcore presentation board. Label each collage with the descriptive words you selected from the list. Additionally, you may include research, inspirational imagery, or any additional drawings that helped you design your space.

Class 136 Two Diorama Models - Members will construct two dioramas for each space, demonstrating contrasting moods. Each diorama will be designed within similar sized boxes. Boxes should be large enough to be easily viewed but no larger than 12" x 18". Both rooms being depicted need to be the same size. Dioramas should convey a space that includes a background, midground, and foreground. Once you have these established, you can add as many layers as needed. Use print materials from magazines, colored paper, the internet, or other design materials to find furniture, lighting fixtures, textures, and other elements to complete each room or diorama. Elements will need to be cut out and adhered to each background, midground, and foreground to reflect the design of the room. Focus on selecting materials and colors to create the mood or essence of the space. Use openings in your container to experiment with the effect of light in your space. Dioramas should not contain actual figures, miniature furniture/cabinets, or movable parts. All elements should be paper-adhered to materials easily found at home. For example: magazine photos, cardstock, plastic, cardboard, chipboard, or other material to depict design finishes/elements within the diorama.

Architecture Focus: Architects plan, design, and oversee the construction of buildings and other structures, beginning with concept development to the final construction phase of projects. They also need to ensure the final product is safe and functional. Architects balance artistic creativity with sound building techniques while also considering how the built environment impacts people's emotions and lifestyle.

Class 137 Marble Maze or Enclosure - Create a space in which a marble will move through a sequence of rooms, enclosures, or spaces. Use different types of elements and materials to enclose your spaces or guide the marble. Consider the size of the marble and how you want the space to feel – big and open or small and enclosed. Pay close attention to the sizes of architectural elements relative to the size of the marble. To construct the marble maze or enclosure, use household materials found around the home to create the structure. (cardboard, chipboard, construction paper, paper towel, toilet paper tubes, etc.). The base of the structure should be no larger than 18" x 24" (poster board size) and 12" in height.

In addition to your enclosure/maze, you may also present a small design board with illustrations/drawings to help the audience understand the path of travel for the marble, or the rules for which you designed. Write or type a brief description of your design intent (1-3 paragraphs total) to be included on the design board.

Class 138 Marble Maze Presentation Board Only - Presentation board should be foamcore with the following items attached: Include drawings of your marble enclosure/maze design; (examples include floor plan, section, elevations, etc) In addition to your base drawings, include any illustrations/drawings to help your audience understand the path of travel for the marble. You may also include quality photographs showing the marble's sequence moving through the built design. Images may be annotated on the board, meaning you can use notes to explain your thoughts/design intent. This sequence of photos should visually tell the story of your design. Write or type a brief description of your design intent (1-3 paragraphs in total) to be included on the presentation board.

Division 1I - Photography

Photography exhibits will be judged by consultation. It is recommended that members be present for consultation judging, but it is not a requirement. All exhibits will be judged. However, consultation judging can be a great learning experience.

Black and white prints and color photographic prints may be exhibited. **May have no more than two entries per class. Members may have a total of FOUR entries in this division.** This includes the Snapshot Exhibit.

Photographs 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).

All photos must be no larger than 8" x 10" and no smaller than 7" x 9", after trimming.

Photos are to be mounted across the narrow (11") dimension of an 11" x 12.5" sheet of white or cream studio matte board.

Photos must be mounted with the top edge of the print 1" below the top of the mount (board is always oriented narrow side up). The sides of the print must be an equal distance from the two sides of the mount.

For more information about mounting photos, refer to the Rolling Prairie website.

PHOTO ID STRIP: THE KANSAS STATE FAIR 4-H PHOTOGRAPHY ID STRIP (AVAILABLE FROM THE EXTENSION OFFICE AND ONLINE) MUST BE USED AND MOUNTED CORRECTLY ON THE BOTTOM FRONT OF THE MATTE BOARD.

A full coverage permanent mount (spray adhesive recommended or heat mount) must be made. (No household glues, double stick tape, etc.)

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

Place mounted photos in a protective plastic bag to protect exhibits from dust and moisture.

Improperly mounted photos, oversized or undersized photos, or photos with the white borders not removed or lettering (including dates) on the photo, will be awarded a ribbon one placing lower than the placing determined by the official judges.

Photographs taken with a digital camera that have no more adjustments than exposure, color intensity, 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.

Digital Composite Image: The finished photo must be created from two or more original images taken by the exhibitor. HDR photos do not qualify for this class. Photos will be judged on photographic merit, manipulation technique, and process. Ribbon placement will be determined by combining the scores of each judging section.

The black and white class is for black and white photos only. Monochromatic prints, including sepia prints, are considered color photos and must be entered in the appropriate color photo class.

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; generally, if it is not allowable at a 4-H event, it is not allowable in a 4-H photograph at the Fair.

Photos with live subject(s) on railroad right of way or taken from railroad right of way property will not be displayed in Kansas 4-H Photography and will be disqualified and not judged.

Copyright protections must be observed.

Age divisions are Junior (7 - 9), Intermediate (10 - 13), and Senior (14 and older) as of January 1 of the current year. Awards will be given in color, black and white, and digital composite classes and to the overall Grand and Reserve Grand Champion Photography.

Special Notice: The dimensions and mounting rules above do not apply to special snapshot classes.

SNAPSHOT EXHIBIT*

This exhibit is open to anyone in the Photography project. Five snapshots are to be mounted on a poster board of any size. Be creative! Snapshots in the entry should be either all color or all black and white. Category themes for snapshot exhibits are:

SNAPSHOT EXHIBIT

Class 139 Building*

Class 140 People and Animals*

Class 141 Landscape*

Class 142 Sequence*

Class 143 Color photos taken by 4-H'er age 7 - 9

Class 144 Color photos taken by 4-H'er age 10 - 13

Class 145 Color photos taken by 4-H'er age 14 and older

Class 146 Black and white photos taken by 4-H'er age 7 - 9

Class 147 Black and white photos taken by 4-H'er age 10 - 13

Class 148 Black and white photos taken by 4-H'er age 14 and older

Class 149 Digital Composite Image - The photo must be created from two or more originals that the exhibitor took. Exhibitor must include a second 11 x 12-1/2 matte board (Explanation Board) mounted with standard size prints of the original photos, 3 x 5 card(s) explaining what manipulation was done, and a standard size print of the final picture. Optional, may include prints of editing steps. Photos showing editing steps may be layered. Please put the name and Extension Unit on the front of the second board. Explanation Boards will be displayed along with the finished board. Place both matte boards in the same protective plastic bag.

PORTFOLIO CLASSES

Class 150 **Growth Portfolio** - Member is eligible for this class beginning with the third year of enrollment in the 4-H photography project. The exhibit will consist of one photo for each year of enrollment. Each photo must have been created in a different year and labeled with the year taken/project enrollment year. A maximum of 5 photos may be included if the member has five or more years of enrollment. Photos are not required to be in a consecutive order. For example, a nine-year-old with three years of enrollment in photography is eligible to enter a growth portfolio. The portfolio in this example should have one photo from the seven-year-olds' year, one from the eight-year-olds' year, and one from the nine-year-olds' year. The growth portfolio class may start at any time in the member's photography career. For an older member, the growth portfolio would represent any five years in the project, for example, years 1,3,5,7, and 9 for a member having project enrollment totaling 9 years. Photos must be 8" x 10" and may be color or black and white, and must be unmounted. An information sheet must accompany each photo, giving the brand and model of the camera used to create the photo. The settings for focal length, aperture, mode, and shutter speed must also be listed. The skill set used to

create the photo must be given and explained. The main goal for each year should also be given. The form for this information is available on the Kansas4h.org website, is a fillable form, and is required.

A short introduction of the photographer should be placed on the first page. This introduction should tell why the 4-H member enrolled in the Photography project and why they have continued to enroll. Exhibitor could also tell of a fun event photographed, a learning experience that taught them new skills or other related learning. Beginning with photo (two), member description of GROWTH in project skill must be included on information sheet. The exhibit will consist of an introductory page, a skill sheet, and a photo from each year in chronological order and arranged in a portfolio book. The skill sheet will go on the left-hand page, and unmounted photos on the right-hand page.

Class 151 Career Portfolio - Member must have been enrolled in Photography for 5 (five) or more years OR member must be age 15 -19 and have been enrolled in photography for at least two (2) years. Exhibit will consist of ten (10) 8 x 10 photos showing skill development in one of the following photography areas: Portraiture, Special Effects (not done with computer), Landscape, Photo Journalism, Black and White, Nature/Wildlife, or Graphic Design (computer skills with photos). All images must be the result of the current 4-H year. Photos may be in color, except if the Black and White option is chosen, and must be unmounted. An information sheet must accompany each image, giving the brand and model of the camera used to create the photo. The focal length, aperture, mode, and shutter speed settings must also be listed. This sheet may be downloaded from the Kansas 4-H website. It is a fillable form and is required. A one-page summary should accompany the portfolio, listing the goal for pursuing this area of photography and what skills were learned while doing so. Mentors should be acknowledged. Career exploration can also be described. The exhibit will be presented in a notebook designed for portfolio review with pages for required information.

Division 1J - Visual Arts & Crafts

4-H'ers may exhibit **TWO** items in each class. Artwork should be ready to display or hung to be complete. Drawings and sketches should be mounted on heavy paper with a border or matted and framed so they may be hung for display.

Five exhibits may be selected for display at the Kansas State Fair. Elk County may submit one entry from each category (Fine Arts, Clay and Ceramics, Leather and Jewelry, Three-Dimensional, and General Crafts). Exhibits are selected/determined by the Visual Arts judge. Items selected for the Kansas State Fair will be designated after judging.

Definitions of each of the five categories:

Fine Arts - Oil, chalk, charcoal, dyes, pastels, pencil, ink, acrylic, or watercolor on canvas, canvas board, paper, wood, metal or textiles, framed as a picture for hanging. Stretched canvas art on a wooden frame is considered prepared for hanging provided that frame has a hanger.

Clay and Ceramics - Any original item made of clay; may be fired or unfired, hand formed or thrown on a wheel. Self-hardening, fire/oven cured, and/or cornstarch clays are all acceptable. Items can include, but are not limited to, clay statues, bowls, etc.

Leather/Jewelry - Any leather stamping, carving, tooling, lacing or stitching piece or any jewelry piece made from any medium are acceptable exhibits. Leather project kits are acceptable due to leather being precut for particular projects.

Three-Dimensional - The piece must be observable on at least three sides and should be either free-standing or prepared to be hung. Craft and preformed or assembled projects are not acceptable.

General Crafts - This category incorporates miscellaneous pieces that do not correspond to the four above mentioned categories.

Awards may be given to age divisions champions and reserve champions and to the overall Grand and Reserve Grand Champion Visual Arts.

Class 152	Fine Arts - Junior
Class 153	Fine Arts - Intermediate
Class 154	Fine Arts - Senior
Class 155	Clay & Ceramics - Junior
Class 156	Clay & Ceramics - Intermediate
Class 157	Clay & Ceramics - Senior
Class 158	Leather/Jewelry - Junior
Class 159	Leather/Jewelry - Intermediate
Class 160	Leather/Jewelry - Senior
Class 161	Three-Dimensional - Junior
Class 162	Three-Dimensional - Intermediate
Class 163	Three-Dimensional - Senior
Class 164	General Crafts - Junior
Class 165	General Crafts - Intermediate
Class 166	General Crafts - Senior

Division 1K - Woodworking

The plan from which it was constructed **MUST** be with the article exhibited. The plan may be a photocopy, the actual pattern, or a scale drawing. It must be complete and accurate to the extent that a duplicate article could be built using the plan as a guide. Please note: a set of step-by-step instructions is not a plan.

Projects with missing or insufficient plans will be lowered one ribbon placing (i.e. a blue ribbon exhibit will receive a red ribbon).

The use of materials other than wood should be kept to a minimum.

Extra pieces that go with your woodworking project (i.e. bean bags to go with a cornhole set, building blocks to go with a play table, etc) **SHOULD NOT** be submitted with the project.

The entry card, plans and all other paperwork should be enclosed in a zip top plastic bag with a hole punched through it and tied or otherwise secured to the project in some manner. Tape is usually not adequate to accomplish this.

Refinished/ repaired furniture should be exhibited in the Interior Design & Architecture Class.

Projects made from pre-cut kits are not allowed.

In judging woodwork articles, consideration will be given to: Workmanship, including accuracy to the plan; Design; Choice of wood; Suitability and quality of finish; and Usefulness.

Firearms and weapons are not to be entered or exhibited.

Projects with “fractal burning” are **NOT ALLOWED** in any exhibit. (Example – electrical burning to make black linework on artwork.) This is in agreement with The American Association of Woodturners (AAW).

Class 167	Article for Farm or Shop Use
Class 168	Furniture for household or lawn use
Class 169	Other Woodwork Articles not included in above classes. (Examples: bird houses, bird feeders, household equipment such as knife racks, bread boards, door stops, etc.)

Section 2 - Family & Consumer Sciences

Division 2A - Sewing & Textile Design

Exhibitors are **MAY HAVE TWO ENTRIES IN THE ARTICLE, GARMENT, OR OUTFIT classes.**
All other classes are limited to one entry per class.

Articles, garments, outfits may have been used/worn but should be carefully laundered or cleaned before being exhibited, placed on hangers and in clear plastic bags.

All work must be the product of the current club year.

ALL SEWING AND TEXTILE DESIGN PROJECTS WILL BE JUDGED ON THURSDAY, JULY

10. Articles must be exhibited at the fair to receive ribbon and premium money.

Garments are not required to have care labels, but the exhibitor must be aware of the care required for the garment as the judge may ask about the care required for the garment.

Pre-cut kits are acceptable for all clothing classes. All articles/garments must be finished for use.

Exhibitor may attach a 4" x 6" index card or photo with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know.

Overall Grand & Reserve Grand Champion will be selected from the class champions.

Recycled Clothing Project - 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, re-purposing a clothing item for a new use, etc. Must include sewing of some kind. A 4"x 6" index card must accompany entry describing the recycled materials and how they were used in the item.

Educational Exhibit - Share with others what you learned in the project. Exhibits may be in the form of a poster, notebook, or display. Take care to select durable materials that will withstand fair conditions. No card table displays are allowed. If the exhibit is a poster, it must not be larger than 22"x 28". If the exhibit is a display, maximum size is not to exceed a standard commercial 3' x 4' tri-fold display board. Name and county/district must be clearly marked on educational exhibits.

- Class 227 Sewing Box
- Class 228 Article, Garment, or Outfit
- Class 229 Recycled Clothing Project
- Class 230 Educational Exhibit

Division 2B - Fashion Revue

The Fashion Revue consists of Sewing & Textile Design projects and Shopping in Style projects.

ALL FASHION REVUE EVENTS WILL BE JUDGED THURSDAY, JULY 10.

SEWING & TEXTILE DESIGN

Open to all Sewing & Textile Design members: Majority of the outfit must be constructed and modeled by the 4-H member who made the garment/outfit. **Everything which is commonly considered an outer garment must be constructed** (vest, jacket, dress, skirt, pants, coat, etc.). A sweater, blouse or shirt that is worn underneath another constructed garment can be purchased or made.

The member must have made the garment(s) which he/she models as part of the project during the year.

Each contestant entering the Fashion Revue must list the entry on their entry blank.

A total of **TWO** Sewing & Textile Design outfits may be entered in the judging for the Fashion Revue.

All pieces of a multi-piece item are to be worn at the same time.

- Class 231 Junior Article, Garment or Outfit
- Class 232 Junior Recycled Clothing Project
- Class 233 Senior Article, Garment or Outfit
- Class 234 Senior Recycled Clothing Project

SHOPPING IN STYLE (formerly Buymanship)

For boys and girls. Majority of the outfit must be purchased (not borrowed) and modeled by the 4-H member or made by another individual for the 4-H member if the fabric and pattern were chosen by the 4-H

member. Everything which is commonly considered an outer garment must be purchased by the 4-H member or constructed by another person (vest, jacket, dress, skirt, pants, coat, etc.).

A total of **FOUR** Shopping in Style garments can be entered in judging.

The number of age divisions for judging depends on numbers enrolled in the project!

- **Junior Division -- Age 7 - 9**
- **Intermediate Division -- Age 10 - 13**
- **Senior Division -- Age 14 and older**

Class 235a	Junior Casual for School
Class 235b	Intermediate Casual for School
Class 235c	Senior Casual for School
Class 236a	Junior Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 236b	Intermediate Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 236c	Senior Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 237a	Junior Dress Up Outfit
Class 237b	Intermediate Dress Up Outfit
Class 237c	Senior Dress Up Outfit
Class 238a	Junior Formal Wear
Class 238b	Intermediate Formal Wear
Class 238c	Senior Formal Wear
Class 239a	Junior Western Wear
Class 239b	Intermediate Western Wear
Class 239c	Senior Western Wear

BOYS

Class 240a	Junior Casual for School
Class 240b	Intermediate Casual for School
Class 240c	Senior Casual for School
Class 241a	Junior Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 241b	Intermediate Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 241c	Senior Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 242a	Junior Dress Up Outfit (slacks, shirt, tie)
Class 242b	Intermediate Dress Up Outfit (slacks, shirt, tie)
Class 242c	Senior Dress Up Outfit (slacks, shirt, tie)
Class 243a	Junior Best Suit or Sport Coat & Pants
Class 243b	Intermediate Best Suit or Sport Coat & Pants
Class 243c	Senior Best Suit or Sport Coat & Pants
Class 244a	Junior Western Wear
Class 244b	Intermediate Western Wear
Class 244c	Senior Western Wear

Division 2C - Fiber Arts

ALL FIBER ARTS PROJECTS WILL BE JUDGED WITH THE 4-H SEWING & TEXTILES ON THURSDAY, JULY 10.

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.**

When articles which are normally worn as a pair are exhibited, both articles must be shown together. Fasten articles together securely with yarn.

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

The exhibitor should attach an index card, no larger than 4" x 6", 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 item was made from a kit. For all items please indicate fiber content and specifically if they are made of at least 60% wool. For quilted items indicate who did the quilting and binding.

Exhibitors must 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 (Sewing & Textile Design or Fiber Arts) and class in which to enter will be left up to the 4-H participant.

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.

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-tos, 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. Name, local unit, and fiber art covered must be clearly marked in the notebook.

There are no age specific classes in fiber arts.

May exhibit THREE items in each class.

Class 245	Crochet - An article including felted items.
Class 246	Knitting - An article made either by hand or by knitting machine including felted items.
Class 247	Needle Arts - An article created by hand using any of these techniques: embroidery and cross stitch, needlepoint, candle wicking, crewel, lacework, or applique.
Class 248	Patchwork & Quilting - It is acceptable practice for the exhibitor to create the patchwork or quilted article and have someone else quilt it.
Class 249	Rug Making - Acceptable techniques include braiding, latch hook, tying, floor cloth, etc. The finished product should be an item that would be used in the home.
Class 250	Spinning - A skein minimum of 10 yards in length.
Class 251	Weaving - A woven article. Members should attach information about the type of loom or process used.
Class 252	Ethnic Arts - An article. This is defined as a Fiber Arts/Textile 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 onto others, often by observation and by example. 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.
Class 253	Macramé - An article.
Class 254	Fiber Arts Educational Notebook

Division 2D - Foods & Nutrition

MAXIMUM NUMBER OF ENTRIES THAT EACH MEMBER MAY HAVE IN EACH CATEGORY: Non-Perishable/Food Gift Package -- 4; Educational Exhibit -- 1; Food Preservation -- 2

For food safety purposes, any food with custard and dairy-based fillings and frostings (ex. Cream cheese regardless of sugar content) raw eggs, flavored oils, "canned" bread or cakes in a jar, cut fresh fruit or any food requiring refrigeration (ex. Bacon) or unbaked exhibit with raw flour (ex. No bake cookies) will be disqualified and not judged.

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.

Frostings 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>.

A worksheet is available at: https://bookstore.ksre.ksu.edu/item/frostings-and-fillings-worksheet_4H1171

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.

All baked goods must be left whole and uncut. Small items, such as cookies and rolls, should be the same shape and from the same recipe. Exhibit 3 cookies, 3 muffins, 3 bread sticks, 1 loaf bread, etc.

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

All un-frosted cakes should be exhibited in an upright position with top crust showing. The exception is for cakes made with special designs such as Bundt cakes. They should have top crust side down.

Any baked product that can be removed from the pan should be placed on a plate, covered cardboard or disposable container. Only the exhibit is judged, the container is not being judged.

Dried foods are to be exhibited in the Food Preservation Division.

All entries must have complete recipes with ingredients and instructions presented to the judge. Recipe cards are available at the Extension Office. If you use your own recipe cards include: name, class and source of recipe.

Age divisions are Junior (7 - 9); Intermediate (10 - 13) and Senior (14 and older) as of January 1 of the current year. Awards may be given to age divisions champions and reserve champions and to the overall Grand and Reserve Grand Champion Foods & Nutrition.

FOOD ENTRIES WILL BE JUDGED TUESDAY, JULY 15. Times for age divisions will be posted closer to the date. Bring your foods prepared as directed in the fair book. Remove baked products from baking pans and place on paper plate or on covered cardboard cut to fit the size of the product. Colored or decorative paper plates may be used. No plastic wrap. Place in a clear Ziploc bag. The entire product must be entered unless otherwise specified.

All items are to be made from scratch unless otherwise stated that a mix may be used.

Decorated special event cakes are not eligible for the Kansas State Fair.

Educational classes: Exhibits may be in the form of a poster, notebook, or display. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Take care to select materials that will withstand fair conditions. No card table displays are allowed. If the exhibit is a poster, it must not be larger than 22" x 28". Displays are not to exceed a standard commercial 3' x 4' tri-fold display board. Name and county or district must be clearly marked on educational exhibits. NOTE: A collection of your favorite recipes in a recipe box or notebook does not constitute an educational exhibit.

Food Gift Package: No alcoholic beverages will be accepted. A food gift package must contain at least three different food items, (prepared for human consumption), made by the 4-H'er, in a suitable container no larger than 18" x 18" x 18". Prepared food items must have recipes attached with the entry. Additional homemade food items beyond the three minimum or purchased items may also be included in the gift basket. On the back of the entry card, answer these questions: A) What is the intended use? B) 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 manufacturer's instructions. They could break during baking.

JUNIOR DIVISION

(Age 7 - 9)

- Class 255 Non-perishable food product
- Class 256 Educational Exhibit
- Class 257 Food Gift Package

INTERMEDIATE DIVISION

(Age 10 - 13)

- Class 258 Non-perishable food product
- Class 259 Educational Exhibit
- Class 260 Food Gift Package

SENIOR DIVISION

(Age 14 and OLDER)

- Class 261 Non-perishable food product
- Class 262 Educational Exhibit
- Class 263 Food Gift Package

- Class 264 Club Food Display (For 4-H Clubs, not individuals.)

FOOD PRESERVATION

All exhibits must have been preserved since the previous year's county fair and not been exhibited at the previous Kansas State Fair.

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.

If using the Presto Precise ® Digital Pressure Canner, please indicate the appliance is used for either water bath or pressure canning.

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
- 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
- Canning mixes (i.e. Mrs. Wage's, Ball®)
- Pectin manufacturers (i.e. SureJell, Ball®)
- [KSRE Rapid Response Center Recipes](#)
- [National Center for Home Food Preservation](#)
- [Ball™ and Kerr](#)

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

There are no safe recommendations to can white peaches or elderberries.

Each member may enter up to two exhibits in this division, but only one entry per class.

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.

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.

Each jar exhibited must be labeled. The label must not cover brand name of jar. The label must give: Class No, Product, Altitude where processed, Canning Method (water bath, weighted gauge, or dial gauge pressure method), Process Time, Pressure (psi), date processed including month and year, Name, and County/District. Templates to make adhesive labels can be found at: https://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/foods-and-nutrition/Foods_Label.pdf

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. Dried products must include the recipe, preparation steps and heating instructions.

All meat jerky must be heated to an internal temperature of 160 degrees F before or after drying. This is not the drying temperature! 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."

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"

Class 265	Sweet Spreads (Fruit and/or Vegetables), Syrups; One jar
Class 266	Fruits, Juices, Fruit mixtures (Salsa, Pie Filling, etc.) One jar
Class 267	Low Acid Vegetables (green beans, corn, etc. or vegetable mixtures.); One jar
Class 268	Pickles (Fruit or Vegetable) Fermented Foods and Relishes and Chutney; One jar
Class 269	Tomato/Tomato Products, Tomato Juice and Tomato Salsas; One jar
Class 270	Canned Meats; One jar
Class 271	Dried Foods: One Small Jar

Section 3 - Livestock

General Livestock Rules

- 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 not be free of infectious or contagious disease will not be permitted to exhibit.
- Each exhibitor will be responsible for feeding and grooming of livestock and sanitation of stalls used in their exhibit. Exhibitors must furnish their own feeding and watering supplies.
- Livestock exhibitors are responsible for cleaning stalls and barns after the premium sale.
- **Each exhibitor must groom his or her animal and may use only the assistance of an FFA Advisor, 4-H Club Leader, parent, or another 4-H/FFA member who is an exhibitor at the show. This rule will be strictly enforced, and any exhibitor violating it will be disqualified from competition. Furthermore, exhibitors are expected to do their work and obtain assistance only while overseeing the grooming procedure.**

- Livestock exhibitors must be present to unload, weigh, and check in their animals, and if they are not, a committee of three appointed by the Livestock Sale Committee President will review the situation and make a decision.
- Livestock exhibitors must be present to exhibit their entries. Suppose an exhibitor has two entries in the same class. In that case, they may have another Elk County 4-H/FFA member assist with one entry, provided it meets the approval of the superintendent of the division, before the show.
- If you have only one animal to show, you are to show it. No one else will be allowed to unless specific arrangements with the three-person committee appointed by the Livestock Sale Committee President have been made before the show.
- Make a separate entry for each animal. For example, if you have two steers, hogs, sheep, etc., you must put two entries on your entry form.
- **Animals tagged and weighed can only be shown as market or breeding animals, but not both.**
- Only animals entered and to be shown in the 4-H/FFA Market or 4-H/FFA Breeding classes may be used for showmanship in that species.
- Members must own and exhibit the animal shown in showmanship. You may NOT use another family member's animal.
- No more than two animals per exhibitor in any one phase of project work may be shown: two market beef, two market hogs, two market meat goats, two breeding heifers, etc. Exhibitors may show one bucket calf.
- Livestock will be watched by a three-person committee appointed by the Livestock Sale Committee President. If an animal is wild and unruly to the point of being a hazard to the public, that animal may be sent home for the safety of the 4-H'ers and spectators.
- Due to limited space, only animals entered will be stalled. No companion animals are allowed.
- All market and breeding animals must have been tagged and/or registered for the appropriate species by the spring weigh-in dates. Animals will be tagged and nominated under a family name if more than one 4-H'er is in the immediate family. Family members must reside in the same household. Animals cannot be transferred to another 4-H member not in the immediate family after spring weigh-ins.
- A traveling Herdsman trophy may be awarded to the 4-H club that keeps their stalls and pens the cleanest and neatest.
- A traveling Fitting and Showing Trophy will be awarded to the 4-H club with the most points in the showmanship competition. All classes of livestock are included. To determine the winner, all points made by the club in showmanship of the various classes of livestock are added up and divided by the number of members eligible for fitting and showing. Each Blue, Red, and White entry is worth 3, 2, and 1 point respectively. A club must have four participants and participate in at least two livestock species to be eligible for this award.

Market Livestock Sale Rules

- **To be eligible to sell at the livestock premium sale, members must have completed the YQCA certification by July 1 of the current year.**
- Members must complete a Destination Form to be eligible to sell their animals. This form must be returned to the Fair Superintendent or Extension Agent immediately after the respective species shows. The form will ask the member whether they will sell their animal(s) or not. Forms must be signed by both the member and the parent/guardian.
- Fair weigh-in will be **on Tuesday, July 15**. Each species will have a pre-determined time to weigh. Animals will be allowed to weigh once for the selected species. No reweighs will be allowed.
- Market hogs must be cleaned and/or washed before they are weighed at the fair.
- The premium sale is not a terminal sale.

- Each 4-H and FFA member may sell one or two animals in the Livestock Premium Sale, provided they have not sold an animal in another county 4-H/FFA Sale. If a member sells two animals, they must be of different species.
- Any 4-H/FFA member that does not comply with all sale rules will be unable to sell an animal in future premium sales.
- Once a member commits their animal to the sale, it cannot be removed from the sale bill. All animals listed will sell.
- **All market animals must have the proper ear tag in their ear when checking in at the fair, or they won't be allowed to weigh. (Contact the Extension Office as soon as you notice the ear tag missing, so it can be replaced.)**
- Owners of livestock are to appear at the sale with their consignment, unless the member has received prior approval from the Livestock Sale Committee.
- Plans for purchase are: (A) Buyer or buyer's agent will designate that the animal goes to the packer at the base bid and pays only the premium bid to the sale clerk. (B) Buyer or buyer's agent owns and accepts responsibility for the animal once the sale is over and pays the full bid price (base and premium).
- **The premium sale buyer has the first right to buy the animal if they pay the base bid and the premium.**
- All market animals will be shown by weight and not by breed.
- Animals must meet the minimum weight requirement for each species to be eligible for Grand and Reserve Grand Champion and the premium sale.
 - Market beef must weigh a minimum of 1050 lbs.
 - Market meat goats must weigh a minimum of 60 lbs.
 - Market lambs must weigh a minimum of 100 lbs.
 - Market hogs must weigh a minimum of 220 lbs.
- Any market animals not meeting the above-mentioned minimum weight requirements will show in an underweight class. They will be eligible to be sold base bid, if one is offered.
- Only 4-H/FFA animals weighed and tagged by the District Extension Agent or their designee are eligible to sell.
- The selling order will be determined by the Sale Committee each year. The order of sale will be Grand Champions of the four species, Reserve Grand Champions of the four species, class champions, blue, red, and white ribbon animals.
- Each animal that sells (base bid and premium) will have at least \$10.00 deducted from their check to pay for sale expenses (buyer ribbons, trucking, and other sale expenses.)
- Financial statements will be made within 14 days or as soon as possible, but no sooner than 7 days after the sale!
- Members must turn in a completed record book with project forms of the species that were exhibited including personal page and permanent record to receive their premium sale dollars. Base bid dollars will be issued separately. FFA members are required to submit SAE record books to receive their premium check.
- Checks will be issued with a list of buyers to thank for each member that sells an animal.

Division 3A - Beef

Designate breed and DATE OF BIRTH for heifers/cows on the entry form. Heifers will be shown by age. **SHOWMANSHIP: PRE-ENTRY IS NOT REQUIRED; EXCEPT FOR HORSES. Exhibitors will sign up at Weigh In on Tuesday evening.**

Class 300 Market Beef

BEEF HEIFER/COW-CALF

Please list the breed of the heifer and birth date on the entry form. Classes will be broken on age and/or breed.

Class 301 Breeding Heifers

Class 302 Cow/Calf Pair -- Must be the first or second calf the cow has had. The calves on the cow/calf pairs must have been born within 270 days of the show date at the fair and must still be at the cow's side and nursing. Cow/calf pairs will be considered as a pair when placed by the judge. Pairs must be shown haltered. Any other Elk County 4-H/FFA member may assist the exhibitor by showing the cow or calf for the owner. Cow/calf pairs cannot be shown in another class if shown as a cow/calf pair.

Division 3B - Bucket Calf

The Bucket Calf project is designed for members not showing a market beef and/or breeding heifer. **Once a member has moved up to showing a market beef and/or breeding heifer, recommendations is not to have a bucket calf as well.**

A Bucket Calf is an orphan or newborn calf; male or female; dairy, beef, or cross; fed on bucket or bottle. It can be a heifer or a steer. All male calves must be castrated and healed before being brought to the Fair. If banded, the scrotum must have fallen off.

The calf must be born between January 1 and May 1 of the current year.

Calves must be tagged and recorded with the Extension Office by May 1 of the current year.

Only one calf per 4-H'er may be shown.

Only members 7-12 are eligible to enroll in this project. The age listed is the 4-H'er's age on January 1 of the current year.

Classes will be judged by the conference method based on:

1. What the 4-H'er learned about caring for and raising a calf.
2. Fitting and showing according to beef guidelines, emphasizing how much the 4-H'er learned and can do without help. However, parental guidance is encouraged.
3. The general health of the calf and knowledge of the 4-H'er in health-related areas.
4. Quality of calf will not be considered.

Bucket calves cannot be shown in beef or dairy showmanship and are not eligible for the Round Robin.

Class 303 4-H'ers age 7-9

Class 304 4-H'ers age 10-12

Division 3C - Dairy Goat

All goats, must be identified with an official USDA premise ID tag.

Entries will be placed in classes by age, with the day of judging being the base date.

All breeds are shown together.

Junior Does (never freshened)

Class 316 Up to 6 months of age

Class 317 7 - 12 months of age

Class 318 13 - 24 months of age

Senior Does (in milk or previously freshened)

Class 319 0-24 months of age

Class 320 2 years or older

Division 3D - Dog Care & Training

This year, Elk County will participate in a multicounty dog show. It will be in June in Wilson County. Entry forms will be sent to dog project members when it is available.

Division 3E - Horses

Horse Show will be on Monday, July 14.

ALL EXHIBITS IN THE 4-H HORSE SHOW MUST PRESENT PROOF OF A NEGATIVE COGGINS TEST WITHIN THE LAST 12 MONTHS AT CHECK-IN.

All horses that are to be in the Horse Show must be properly identified by June 1. A correctly identified horse is either registered with a breed association in the 4-H'ers or an immediate family member's name by June 1 of the current 4-H program year, or identified with a Kansas 4-H Horse ID Form signed by the local Extension Agent by June 1 of the current 4-H program year. The 4-H member must have a copy of the 4-H Horse ID form signed by the local agent or the horse's registration papers on file with their local Extension Office by June 1 of the current 4-H program year.

All horses must be owned by the exhibitor or immediate family or be leased. Members must manage (feed, exercise, groom, train, etc.) the horse at least 75% of the time from June 1 through September 30.

All exhibitors are required to follow the official Kansas 4-H Horse Show dress code. A long-sleeved shirt or blouse and long pants must be worn. Western hats and boots are necessary for all Western classes.

Refer to the [Kansas 4-H Horse Show Rule Book](#) for rules of specific events.

There will be no "gate entries." Timed events will not receive prize money, only ribbons.

SHOWMANSHIP

- Class 326 Horse Showmanship
- Class 327 2-year-old Mares
- Class 328 3 years & older Mares
- Class 329 Pony Mares, all ages
- Class 330 2-year-old Geldings
- Class 331 3 years & older Geldings
- Class 332 Pony Geldings, all ages
- Class 333 Western Pleasure
- Class 334 Western Horsemanship
- Class 335 Reining
- Class 336 Working Ranch Horse
- Class 337 Trail
- Class 338 Barrel Race
- Class 339 Flag Race
- Class 340 Pole Bending

Division 3F - Meat Goat

Wethers or does may be shown in market classes. All goats must have baby teeth in place with no visible signs of permanent teeth.

All goats must have a scrapie ear tag.

Goats must be shown with all four feet on the ground. Exhibitors may use a collar, a collar with a short lead, or a halter when showing. Medium/3 mm or smaller pinch collars will be allowed. During the judge's inspection or handling, all four feet must be in contact with the ground.

Wethers are suggested to be dehorned. However, if horns are left, they must be tipped and rounded. Commercial doe horns should be tipped and rounded.

Market meat goats must be "slick shorn" with uniform hair length not to exceed 3/8" inch from the knee and hock joints. Hair on the tail switch is permitted.

For breeding does, the length of hair is left up to the exhibitor.

Breeding does (0-12 months of age) will be shown by weight.

SHOWMANSHIP: PRE-ENTRY IS NOT REQUIRED; EXCEPT FOR HORSES. Exhibitors will sign up at Weigh In on Tuesday evening.

BREEDING DOES

Class 341 Breeding Doe (0-12 months of age)

Class 342 Aged Doe (13 months and older)

MARKET MEAT GOAT

Class 344 Market Meat Goat (Wethers and Does)

Division 3G - Poultry

Members may not make more than one entry per class in pens of three, and two entries per class in single pen breed classes. A total of 10 entries per member is allowed. The total number of entries does not include showmanship.

To exhibit at the Kansas State Fair, Poultry must receive a blue ribbon or higher at the county fair.

Each member must furnish their own feed and watering cup.

Young bird is born in current year.

Class 345 Standard Breeds; Large Fowl; One young bird of either sex.

Class 346 Standard Breeds; Large Fowl; One old bird of either sex.

Class 347 Standard Breeds; Bantams; One young bird of either sex.

Class 348 Standard Breeds; Bantams; One old bird of either sex.

Class 349 Production Pullets - Pen of 3, Standard bred, crossbred, or strain cross pullets to be judged on egg production qualities.

Class 350 Production Hens - Pen of 3, Standard bred, crossbred, or strain cross hens to be judged on egg production qualities.

Class 351 Dual Purpose Pullets; Pen of 3, such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.

Class 352 Dual Purpose Hens; Pen of 3, such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.

Class 353 Turkeys – all breeds, 1 bird either sex.

Class 354 Ducks - Call or Bantam, all breeds; 1 bird of either sex.

Class 355 Ducks - all breeds; one bird of either sex.

Class 356 Geese – all breeds, 1 bird either sex.

Class 357 Any Other Type Poultry* – Pen of 2 birds, either sex.

SHOWMANSHIP

Class 358 Poultry Showmanship

Division 3H - Rabbits

Rabbits must be owned by June 1 of the current year.

Each member must furnish their own feed and watering cup.

Exhibitors must be present when rabbits are judged.

Each rabbit must be legibly and permanently tattooed in its left ear for identification.

Only breeds recognized by the ARBA may be shown. Exception: Class 359 - Pet Rabbit. The Pet Rabbit is not eligible for the State Fair. Guidelines for purebred breeds of rabbits will be those recognized by the ARBA in their Standard of Perfection.

Members may make one entry per class, per breed, per variety. **A maximum of 8 entries per member.**

When making an entry, the exhibitor must specify on the entry form the breed, variety (color), sex, age, class, and tattoo of each rabbit.

Fur Classes: exhibitor may choose one rabbit from their total entry to show in this class.

Pre-Junior - Under 3 months of age. Only breeds of Argente Braun, Beveren, Blanc de Hotot, Californian, Champagne D'Argent, Checkered Giant, American Chinchilla, Giant Chinchilla, Cinnamon, Creme D'Argent, New Zealand, and Palomino.

Junior - Under 6 months of age.

Intermediate - 6 - 8 months of age. Only breeds of: American, Giant Angora, Argente Braun, Beveren, Blanc de Hotot, Californian, Champagne D'Argent, Checkered Giant, American Chinchilla, Giant Chinchilla, Cinnamon, Crème D'Argent, Flemish Giant, English Lop, French Lop, New Zealand, Palomino, Satin, and Silver Fox.

Senior - 6 months of age or over for breeds *other than those listed* as having Intermediate classes, 8 months of age or over for breeds having Intermediate classes.

Class 359 Pet Rabbit*

BREEDING CLASSES

Class 360 Senior Buck - 8 months of age and over for breeds with intermediate classes; 6 months and over for all other breeds.

Class 361 Senior Doe - 8 months of age and over for breeds with intermediate classes; 6 months and over for all other breeds.

Class 362 Intermediate Buck - Only breeds listed above with intermediate classes.

Class 363 Intermediate Doe - Only breeds listed above with intermediate classes.

Class 364 Junior Buck - Under 6 months of age.

Class 365 Junior Doe - Under 6 months of age.

Class 366 Pre-junior Buck - Only breeds listed above with pre-juniors.

Class 367 Pre-junior Doe - Only breeds listed above with pre-juniors.

Class 368 Meat Pen (3 rabbits, all one recognized breed and variety (broken varieties must be the same color). Minimum weight 3 ½ pounds each. Maximum weight 5 1/2 pounds each, and not over 70 days of age. Will be judged on their meat qualities, condition, uniformity, and fur.

FUR CLASSES

Class 369 Normal White Fur

Class 370 Normal Colored Fur

Class 371 White Satin Fur

Class 372 Colored Satin Fur

Class 373 White Rex Fur

Class 374 Colored Rex Fur

Class 375 White Wool Fur

Class 376 Colored Wool Fur

SHOWMANSHIP

Class 377 Rabbit Showmanship

Division 3I - Sheep

Ewe lambs may be shown in the Market Lamb class, but if shown as a market animal, she is not eligible to be shown in the breeding class and vice versa.

All lambs must have a scrapie ear tag.

Market lambs must be slick-shorn at the time of weigh-in and showing. Not to exceed 0.2 inch.

Breeding Ewes (0-12 months of age) will be shown by weight.

During the judge's inspection or handling, all four feet of the animal must be in contact with the ground.

SHOWMANSHIP: PRE-ENTRY IS NOT REQUIRED; EXCEPT FOR HORSES. Exhibitors will sign up at Weigh In on Tuesday evening.

Class 378 Market Lamb

BREEDING EWES

Class 379 Breeding Ewe (0-12 months of age)

Class 380 Aged Ewe (13 months and older)

Division 3J - Swine

Gilts may be shown as market swine, but if shown as a market animal, she is not eligible to be shown in the breeding class and vice versa.

Breeding Gilts will be shown by weight.

SHOWMANSHIP: PRE-ENTRY IS NOT REQUIRED; EXCEPT FOR HORSES. Exhibitors will sign up at Weigh In on Tuesday evening.

Class 382 Market Swine

Class 383 Breeding Gilt

Division 3K - Livestock Showmanship Contest

Showmanship Contests will be held with each species shown. Refer to the fair schedule for each showmanship contest's specific days and times.

To be eligible to show an animal in showmanship, the 4-H/FFA member must exhibit the animal in its appropriate class, and the animal must be their own.

PRE-ENTRY IS NOT REQUIRED; EXCEPT FOR HORSES. Exhibitors will sign up at Weigh In on Tuesday evening.

The species eligible for the Round Robin are Horse, Beef, Sheep, Meat Goat, and Swine. Members will compete for overall Grand and Reserve Grand Champion Showmen (Round Robin) on **Saturday, July 19, at 9:00 a.m.** Each participant must show his/her animal (the one used to qualify for the Round Robin) and one animal from each of the other four livestock species. Grand Champion showmen will show other Grand Champion animals of each species, and Reserve Champion showmen will show other Reserve Champion animals of each species.

The individual species showmanship may be broken down into three age groups (7-9, 10-13, 14 and over); if numbers merit three age groups -- **DEPENDING ON NUMBER OF EXHIBITORS.** Overall Grand and Reserve Grand Showman of each species will be chosen from the different age group champions. The top three in each age group (if numbers merit) for each species will return to show for the overall Grand Champion and Reserve Grand Champion showmen and be ranked GC, RGC, 3rd, 4th, and 5th.

Each exhibitor selected is only allowed to represent one species. The exhibitor participates in the Round Robin with the first qualifying species if they qualify in more than one species. Alternates will take their place in the species not represented and will be the next top-qualified in that species. This ensures that ten participants will compete in the Round Robin.

Grand and Reserve Grand Champion Showmen of each species will receive Belt Buckles. Grand Champion Round Robin and Reserve Grand Champion Round Robin will receive special awards, and those two winners will be announced at the Awards Presentation Ceremony on Saturday, July 19, 6:00 p.m., prior to the Livestock Premium Sale.

