

The notation field will include the following information, with one space between each line:

- [4-Her's Name, County, Lot Number, Class Number]
- [Date of original photograph]/[Location of original photograph. Location may be in the form of a street/city/zip code address of GPS coordinates.]
- [Brand and type of Camera or camera phone]
- [Settings, including type of lens, relevant camera settings, and "flash" or "no flash"]
- [Insert order - Common Name (If Applicable)]
- [Brief description of life stage, behavior, or adaptation)]

Second year entomology photography exhibits are judged on the following categories:

Identification, description of life stage, behavior, or adaptation, Labels, Quality of photographs. Check with county 4-H Agent for point distribution on score sheet. Identification of order is necessary for any nymphs, larvae, pupae, and adult insects in the project; common name identicaiton is necessary for at least one-half of adult insects in the project.No images from the first-year insect photography may be reused for this project.

689 Third year project (Three 9"X13" official cardboard boxes, or two 18"X24" wooden boxes, with a minimum of 10 orders and 100 insects, a maximum of 150 insects).

690 Fourth year project (Three 9"X13" official cardboard boxes, or two 18"X24" wooden boxes, with minimum of 12 orders and 150 insects, no maximum) An addition cardboard or wooden box with an example of insect damage, the stage of the insect causing the damage and any other stage of the insect that helps identify the problem. Include information in the display that tells how the insect is controlled. Life cycle of two insects may be displayed if desired.

691 Fifth year project (may be repeated for successive years of eligibility but must be a different exhibit. No exhibit that has been judged in any previous State Fair may be entered.) Any type of display that pertains to experiences beyond those of previous projects. Special collections of native and/or exotic butterflies, beetles or some other insect order; a study in depth of one insect or small group of insects: a display of insect camouflage: a display of plastic embedded insects: a collection of insect larvae and nymphs are examples. Charts, photographs, models or any other visual aids may be used. 4-H'ers are encouraged to write a short 1 or 2 paragraphs) statement developing the theme of their fifth year display.

HONEY

Honey will show better in oval, flat sided to square clear glass containers. 4-H'ers must use standard honey jars. Wide-Mouth mason jars or wide-mouth honey jars may be used. The jars and lids must be clean. Fill jars to the "fill line". The "fill line" is the continuous ring that circles the jar and not necessarily the threads that help hold the lid. Note: Two jars must be submitted for the following classes. Display cases for capped honey made be made by 4-Hers or bought from a store, but they must be bee-proof and have a removable top in order for the judge to check moisture. One frame per container. Observation hives shall be secure from the opening to the satisfaction of the Bees and Honey superintendent. This shall include the top of the observation hive and all holes and openings. Openings should be secure by screws or locks.

- 692 Two one pound glass Queenline or Classic jars of white extracted honey
- 693 Two one pound glass Queenline or Classic jars of light amber extracted honey
- 694 Two one pound glass Queenline or Classic jars of amber extracted honey
- 695 Two one pound glass Queenline or Classic jars of dark amber extracted honey
- 696 Two wide mouth pints or Classic jars of chunk honey, any color.
- 697 Any frame of capped honey suitable for comb honey (Light)
- 698 Any frame of capped honey suitable for comb honey (Amber)
- 699 Any frame of capped honey suitable for extraction (Light)
- 700 Any frame of capped honey suitable for extraction (Amber)
- 701 Best display of one-frame observation hive of honey bees consisting of worker bees, a properly marked queen, and brood.

DIVISION 6027 - 4-H FORESTRY

Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified.

- 1. See General rules applying to all 4-H exhibitors and general rules applying to all exhibits other than livestock listed previously in this catalog.
  - 2. Only one entry per 4-H member permitted in the Forestry Division.
  - 3. Exhibitors are not to exceed the number of specimens listed for each class.
- If an exhibitor exceeds these numbers, the entry will be judged for blue, red and white ribbons, but will not be considered for top awards. If exhibit contains less than the correct number, it will be disqualified.

FIRST YEAR

703 Leaf Collection  
Collection of 10 leaves representing 10 forest trees found in Kentucky. Mounting instructions in the forestry book, "4-H Forestry Project Unit I - Introducing Yourself to Trees" (4DF-01PA or most recent version) Activity #1 are to be followed.

704 Leaf Print Collection

Collect and print 10 leaves representing 10 forest trees found in Kentucky. Instructions in the forestry book, "4-H Forestry Project Unit I - Introducing Yourself to Trees" (4DF-01PA or most recent version) Activity #3 are to be followed.

SECOND YEAR

705 Leaf Collection-2nd year  
Collection of 20 leaves representing 20 forest trees found in Kentucky. Mounting instructions in the forestry book, "4-H Forestry Project Unit I - Introducing Yourself to Trees" (4DF-01PA or most recent version) Activity #1 are to be followed.

706 Educational Exhibit

Develop a creative educational exhibit on some phase of forestry. The exhibit may utilize any visual technique. The total exhibit is not to exceed dimensions of 2' x 2', or four (4) square feet.

THIRD YEAR AND OVER

707 Educational Exhibit

Develop a creative educational exhibit on some phase of forestry. The exhibit may utilize any visual technique. The total is not to exceed dimensions of 3'x3', or nine (9) square feet.

708 Stem, Leaf, Fruit display

Collect and mount 5 stems, leaves and fruit representing 5 forest trees found in

Kentucky. Follow closely the instructions in the forestry book, "4-H Forestry Project Unit I - Introducing Yourself to Trees" (4DF-01PA or most recent version) Activity #2 is to be followed, including the 2' x 3' exact size.

709 Leaf Collection-3rd year

Collection of 50 leaves representing 50 forest trees found in Kentucky. Mounting instructions in "4-H Forestry Project Unit 1 - Introducing yourself to Trees" (4DF-01PA or most recent version) Activity #1 are to be followed.

DIVISION 6028 - GEOLOGY

Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified.

- 1. See General Rules applying to all 4-H exhibitors and general rules applying to all exhibits other than livestock listed previously in this catalog.
- 2. Only one entry per 4-H member permitted in Geology.
- 3. 4LO-11S0 Identification Card should be securely attached to the lower right hand corner of the front of the box.
- 4. Display boxes must be no less than 16" no more than 20" vertically and no less than 22" no more than 24" horizontally.
- 5. All boxes must have Plexiglas cover that can be easily removed for judging.
- 6. EACH exhibit must be secured with a lock. Attach a key to box with your name and county firmly attached to key. Key will be returned to 4-H agent. Keep another key in case State Fair key is misplaced.
- 7. Hinges and Locks: Make flush or mount on sides or top of boxes so boxes will sit level.
- 8. Fabric: If fabric is used, use a fabric glue to adhere entire piece of fabric to box. Suggested fabrics are felt or velveteen.
- 9. Rocks, Minerals, and Fossils: Should be firmly attached to the box, and should be numbered to correspond with the number on the Geology Identification Labels. See Rule 11 for label information.
- 10. Boxes will be displayed on their side, not flat. Therefore, larger specimens must be attached near the lower portion of the box.
- 11. Rock, Mineral and Fossil Identification Labels are available from the County Extension Agent for 4-H or Kentucky Geological Survey website (<http://uky.edu/KGS/education/4H.htm>). These are the only labels acceptable.
- 12. Exhibits will be disqualified for class champion if:
  - a. Box does not fit in the size stated in rule 4
  - b. Box contains too few or too many specimens
  - c. Box does not have a Plexiglas cover that can be opened
  - d. Labels not correctly filled out
  - e. Specimen is mounted jewelry
  - f. Specimen is mounted and polished
  - g. Specimen and label are not numbered
  - h. Specimens are not arranged in numerical order
- i. Duplicate specimens are used to reach minimum number. However, varieties of the same rock or mineral are acceptable if the specimen is identified by a different name (i.e., quartz, smoky quartz, amethyst, agate, chert, flint or calcite, Iceland spar, aragonite, travertine). Also acceptable if the duplicate specimen had an adjective in front of the specimen(i.e., calcite, red calcite, or limestone, fossiliferous limestone, oolitic limestone). If each entry in that class has an duplicate named specimens, then each entry may qualify for class champion, but will not be eligible for Grand Champion.

- 13.The following score card will be used to judge geology exhibits:
  - a. Correct identification and labeling- 5 points for each specimen. (Collections will be judged more favorably that have different types of specimens, rather than many different varieties of the same rock, mineral, or fossil; i.e., gray limestone, light gray limestone, dark gray limestone, or red calcite, blue calcite, green calcite).
  - b. Cards/specimen: 1 point each that each specimen has the label a b c l completely filled out, along with the specimen number.
  - c. Found on site: Since this is an exercise in becoming familiar with rocks, minerals, and fossils, an extra point will be given for specimens that are found rather than purchased or given as gifts. (Be sure to ask permission if you have to enter private property. The internet is a good place to search for rock clubs and geological surveys of your and other states for information on collecting localities.)
  - d. Neatness, arrangements, background- 20 points for total exhibit.
- 14. 4-H'ers entering fifth year and up cannot enter the same exhibit that has been judged in any previous State Fair.

- Classes Are:
  - For each of the classes, specimens may consist of rocks, minerals, and or fossils. There is a separate label for rocks, minerals, and or fossils (three different labels). Label and label instructions are available at the Kentucky Geological Survey website at: <http://www.uky.edu/KGS/education/4H.htm>.
- 715 First year Geology- consisting of 15 different specimens.
- 716 Second year Geology-consisting of 25 different specimens (up to 12 may be from previous project year) (no more than 2 boxes)
- 717 Third year Geology- consisting of 35 different specimens (up to 17 may be from previous project year) (no more than 2 boxes)
- 718 Fourth year Geology- consisting of 50 different specimens (up to 25 may be from previous project year) (no more than 2 boxes)
- 719 Special collection for fifth year or more members-creative, advanced display of member's choosing which depicts a geological process, theme, story, or manufacturing process. Posters, notebooks and written narratives may be included.

DIVISION 6029 – 4-H ARTS

- 1. See General Rules applying to all 4-H exhibitors and general rules applying to 4-H exhibits listed previously in this catalog.
- 2. All classes are from Portfolio Pathways (Section A) and Sketchbook, Cross-roads (Section B) 4-H Core Curriculum except for Trends and Heritage Crafts.
- 3. Junior: Any member age 9-13 Senior: Any member age 14-19.
- 4. Seniors must submit an artist statement . Please write a paragraph minimum about your piece of art. Please include the following information typed and attached to your piece of art.
  - \*Name
  - \*Class
  - \*Title Of Work
  - \*Medium (What is it Made of?)
  - \*Explanation of where you got your inspiration or ideas from in creating this work
  - \*Explanation of elements and principles of design that pertain to your work
  - \*What kind of message were you trying to communicate to the viewer (mood,

feeling, emotion, etc.?)

\*How does this represent you as an artist?

5. Each Exhibitor May Enter Only Two (2) Classes Per Sections A, B, and C Per Year.

6. All items must have been made since the last State Fair.

7. Tags (4LO-11S0) must be attached to the lower right front corner of paintings, drawings, etc. For other exhibits, neatly secure the ID card where it can be seen by the public with tape, or punch a hole in the corner of the tag and attach with string or rubber band. For items with more than one piece, a description on the back of the ID card is suggested with number of pieces, color, etc. In addition, label each item in an inconspicuous location; include a minimum of name and county (clothing label 4LO-12S0 may be utilized).

8. Project entry must meet all the requirements for the class; otherwise, the entry ewill be disqualified.

9. Appropriate hangers for project work is any hardware permanently attached to the project that can be displayed on a metal grid work walls via metal S hook, binder clip, or zip tie. \*\*\*NOTE: mat board and canvas can be displayed utilizing binder clips. We will have binder clips available at check in for you.

10. Subject matter must be "family friendly" in context.

11. Small items, which are easily separated or destroyed, may be placed in small plastic bags. For items with more than one piece, a description on the back of the ID card is suggested with number of pieces, color, description, etc. In addition, label each piece in an inconspicuous location include a minimum of name and county (the clothing label can be utilized [4LO-12S0]).

SECTION A: Portfolio Pathways Painting

- 727a. Junior Acrylic Still Life: (pg.12) Using acrylic paint to create a Still Life.
- 727b. Senior Acrylic Still Life: (pg.12) same as Junior.
- 728a. Junior Water Color: (pg.14) Using watercolors and a variety of techniques to complete a painting on watercolor paper.
- 728b. Senior Water Color: (pg.14) same as Junior.
- 729a. Junior Abstract: (pg.18) Using acrylic paints experiment with abstract designs to complete a painting.
- 729b. Senior Abstract: (pg.18) same as Junior
- 730a. Junior Sand Painting: (pg.20) On an 8"X10"X1/4" sanded plywood or particle board. Explore painting with colored sand mixed with glue.
- 730b. Senior Sand Painting: (pg.20) same as Junior
- 731a. Junior Self Portrait: (pg.22) Using acrylic or watercolor paints. Complete a self-portrait using any drawing or painting technique.
- 731b. Senior Self Portrait: (pg.22) same as Junior
- 732a. Junior Human Action: (pg.24) Using acrylic or watercolor paints, capture human action through the use of vivid colors, lines, and texture when painting.
- 732b. Senior Human Action: (pg.24) same as Junior
- 733a. Junior Oil Painting: (pg.26) Using oils on canvas or canvas board. Experiment with different techniques of laying oil to canvas to create a finished painting.
- 733b. Senior Oil Painting: (pg.26) same as Junior
- 734a. Junior Oil Landscape: (pg.30) On a 16"X18" stretched and primed canvas, canvas board or sheet of Masonite coated in gesso. Lay out a one-point landscape perspective drawing and use oil paints to show atmosphere and distance.
- 734b. Senior Oil Landscape: (pg.30) same as Junior

- Printing
- 735a. Junior Intaglio Collagraph Print: (pg.38) On 8 1/2"X11" paper. Create a collagraph block at least 6" wide and create any color print using intaglio printing method.
- 735b. Senior Intaglio Collagraph print: same as Junior
- 736a. Junior Blueprint Paper Print: (pg.40) On blueprint paper create a sun print; at least 5 1/2 X 8 1/2 in. using cyanotype or Light or sun sensitive paper.
- 736b. Senior Blueprint Paper Print: same as Junior
- 737a. Junior Etched Plexiglas: (pg.42) Create an original print using an etched Plexiglas plate. The print should be at least 5 1/2" X 8 1/2" in. Plexiglas etching uses the intaglio method of printing.
- 737b. Senior Etched Plexiglas: same as Junior
- 738a. Junior Wax Resist Print: (pg.44) Create intricate designs for printing using a wax resist method.
- 738b. Senior Wax Resist Print: same as Junior
- 739a. Junior Tire Stamp Print: (pg.44) Cut pieces of inner tube tire, glue it onto wood block, and print using a stamp pad.
- 739b. Senior Tire Stamp Print: same as Junior
- 740a. Junior Linoleum Print: (pg.48) Create linoleum print using linoleum block on paper.
- 740b. Senior Linoleum Print: same as Junior
- 741a. Junior Hand Drawn Negative Photograph: (pg.51) You will draw a negative on frosted acetate, then print onto photographic paper (8"X10" in.) as a positive, using a photographic process.
- 741b. Senior Hand Drawn Negative Photograph: same as Junior.

- Graphic Design
- 743a. Junior 5 Color Design: (pg.62-63) Create (2) two 8"X10" in. landscapes. 5 color designs are identical except for (1) one color. Change (1) one color to create a second design. Use paint, paper or computer graphics program. Mount on a matt board.
- 743b. Senior 5 Color Design: Same as Junior.
- 744a. Junior Computer Drawing: (pg.70) Explore the use of computer tools and techniques to doodle, draw and replicate images. Print out each design showing the use of various tools.
- 744b. Senior Computer Drawing: same as Junior.

SECTION B Sketchbook Crossroads Drawing

- 745a. Junior Contour Drawing: (pg.12) Draw objects using the contour drawing method. Do 2-3 drawings of the same object from different angles.
- 745b. Senior Contour Drawing: same as Junior
- 746a. Junior Two Point Perspective: (pg.16) On sketch paper, draw a two point perspective that has a point at each end of a horizontal segment.
- 746b. Senior Two Point Perspective: same as Junior
- 747a. Junior Circular Shape Object: (pg.18) Draw a subject to fit a circular shape.