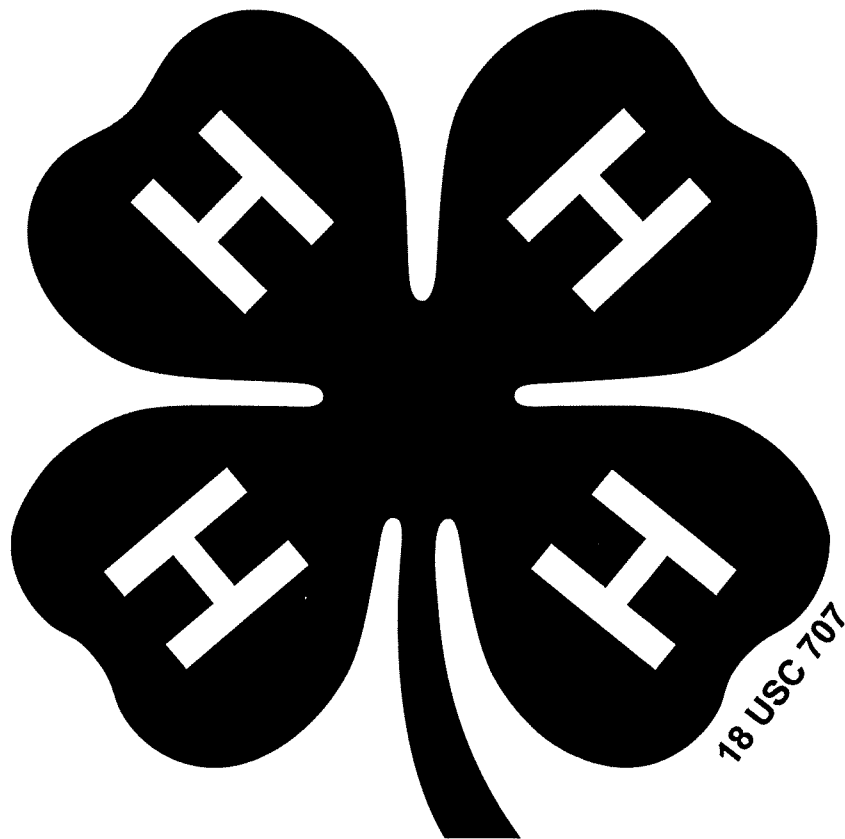


2024

Shelby County 4-H

Fair Project

Guide





UK Martin-Gatton
College of Agriculture,
Food and Environment

Shelby County 4-H Project Entries will be taken Monday, June 10th, 2024
from 11-5 p.m. at Floral Hall at the Shelby County Fairgrounds

For questions contact the:

Shelby County Cooperative

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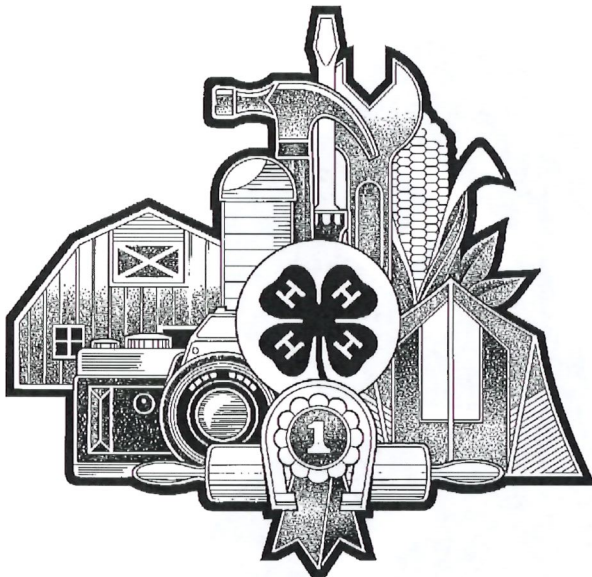
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**Cooperative
Extension Service**

Agriculture and Natural Resources
Family and Consumer Sciences
4-H Youth Development
Community and Economic Development

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

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Lexington, KY 40506



Disabilities
accommodated
with prior notification.

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4-H General Projects

Arts & Crafts

RULES AND GUIDELINES

1. All classes are from Portfolio Pathways (Section A) and Sketchbook Crossroads (Section B) 4-H Core Curriculum except for Trends and Heritage Crafts.
2. Junior: Any member age 9-13.
Senior: Any member age 14-19
3. Seniors must submit an artist statement. To learn more about artist statements contact the Shelby County Extension Office 502-633-4593.
4. **Each Exhibitor is limited to one entry per class.**
5. **All items must have been made since the last State Fair.**
6. Project entry must meet all the requirements for the class: otherwise, the entry will be disqualified.
7. 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.
8. Subject matter must be "family friendly" in context.

Class Divisions

SECTION A: PORTFOLIO PATHWAYS

PAINTINGS

- 727a.** Junior Acrylic – Using acrylic paint to create a painting.
- 727b.** Senior Acrylic – Same as Junior.
- 728a.** Junior Water Color – Using watercolors and a variety of techniques to complete a painting on watercolor paper.
- 728b.** Senior Water Color – Same as Junior.
- 729a.** Junior Abstract – Using acrylic paints experiment with abstract designs to complete a painting.

- 729b.** Senior Abstract – Same as Junior.
- 730a.** Junior Sand Painting – On an 8"x10"x1/4" sanded plywood or particle board. Explore painting with colored sand mixed with glue.
- 730b.** Senior Sand Painting - Same as Junior.
- 731a.** Junior Self-Portrait: Using a medium of your choice. Complete a self-portrait using any drawing or painting technique.
- 731b.** Senior Self-Portrait – Same as Junior.
- 732a.** Junior Human Action – Using acrylic or watercolor paints, capture human action through the use of vivid colors, lines, and texture when painting.
- 732b.** Senior Human Action – Same as Junior.
- 733a.** Junior Oil Painting – Using oils on canvas to create a finished painting.
- 733b.** Senior Oil Painting – Same as Junior.
- 734a.** Junior Oil Pastel – Using Oil pastels on canvas or canvas board, create a finished work of art.
- 734b.** Senior Oil Pastel – Same as Junior.

PRINTING

- 735a.** Junior Intaglio Collagraph Print - On 8 ½" x 11" 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 - On blueprint paper create a sun print; at least 5 ½ x 8 ½ in. using cyanotype or Light or sun sensitive paper.
- 736b.** Senior Blueprint Paper Print - same as Junior.
- 737a.** Junior Etched Plexiglas - Create an original print using an etched Plexiglas plate. The print should be at least 5 ½"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 - Create intricate designs for printing using a wax resist method.
- 738b.** Senior Wax Resist Print - same as Junior.
- 739a.** Junior Tire Stamp Print - Cut pieces of inner tube tire, glue it onto a wood block, and print using a stamp pad.

- 739b.** Senior Tire Stamp Print: same as Junior.
- 740a.** Junior Linoleum Print - Create linoleum print using linoleum block on paper.
- 740b.** Senior Linoleum Print - same as Junior
- 741a.** Junior Hand Drawn Negative Photograph - 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 - Create (2) two 8"x 10" 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 - 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 - 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 - 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 - Draw a subject to fit a circular shape.
- 747b.** Senior Circular Shape Object - same as Junior.
- 748a.** Junior Color Pencil - Draw with colored pencils and use turpenoid to blend the colors.
- 748b.** Senior Color Pencil - same as Junior.
- 749a.** Junior Pen and Ink - Sketch animals or other objects using pen and ink.

- 749b.** Senior Pen and Ink - same as Junior
- 750a.** Junior Calligraphy - On 8 ½ by 11 paper, rewrite a quote, poem or pledge using Calligraphy. Make sure to include the author on the piece.
- 750b.** Senior Calligraphy - Same as Junior
- 751a.** Junior Cartooning - Cartooning is a simple process of making line drawings show sequential motion. Create your own cartoon character showing motion. Must create at least three blocks.
- 751b.** Senior Cartooning - same as Junior.

FIBER ARTS

- 752a.** Junior Felted Wool Applique Mat - Felt wool to create a design. Applique design to a felted wool mat. Max size of mat 18" x 24" in. Use 100% wool to felt.
- 752b.** Senior Felted Wool Applique Mat - same as Junior.
- 753a.** Junior Cotton Linter Bowl - Experiment with cotton linter using molds and shaping the linter to form bowls. Enhance the cotton with colored pencils, threads, floss, dried flowers to make a unique creation.
- 753b.** Senior Cotton Linter Bowl - same as Junior.
- 754a.** Junior Batik Fabric - Using natural fiber fabric. Create a unique fiber artwork using dyes and the wax resist method.
- 754b.** Senior Batik Fabric - same as Junior.
- 755a.** Junior Lap Loom Woven Place Mat - Set up a lap Loom. Using several colors or types of yarn create a woven placemat.
- 755b.** Senior Lap Loom Woven Place Mat - same as Junior
- 756a.** Junior Inkle Loom Basket - Weave 4-6 stripes that are identical. Sculpt a basket out of several woven strips by stitching them together in a spiral. Manipulate the strips to form the bottom of the basket.
- 756b.** Senior Inkle Loom Basket - same as Junior.

SCULPTING

- 757a.** Junior Clay - Create an item from clay either self-hardening or firing required.
- 757b.** Senior Clay - same as Junior.

- 758a. Junior Clay Bust - Sculpt a head with facial features out of clay.
- 758b. Senior Clay Bust - same as Junior
- 759a. Junior Mask - Create a mask using clay emphasizing unique form and texture to portray feelings.
- 759b. Senior Mask - same as Junior.
- 760a. Junior Cardboard Sculpture - Create a piece of textured relief sculpture using corrugated cardboard stacked and glued together. Sculpt with an Exacto® knife.
- 760b. Senior Cardboard Sculpture - same as Junior.
- 761a. Junior Flower Wire Sculpture - Using wire and nylon cloth create a freestanding flower sculpture.
- 761b. Senior Flower Wire Sculpture - same as Junior.
- 762a. Junior Plaster of Paris Carving - Using a plaster of paris block, carve a form that has a concave and convex surface and allows space to flow around and through it.
- 762b. Senior Plaster of Paris Carving - same as Junior.

SECTION C: ART TRENDS AND TRADITIONS

This section highlights the latest trends in art while honoring our heritage. Heritage arts will have specific areas as well as an “other” category where youth may choose what they exhibit. Documentation for Heritage Craft Classes is REQUIRED. If documentation is not attached the item will be disqualified. You may enter two entries in this section.

TRENDS

- 763a. Junior Art Trends – Mixed Media. Mixed media is defined employing more than one medium.
- 763b. Senior Art Trends—Mixed Media

HERITAGE ARTS

- 764a. Junior Heritage Arts Other – See below for definition.
- 764b. Senior Heritage Arts Other
- 764c. Junior Basket Making – Natural materials, any size, shape or design. Non-natural materials may be woven into design.

- 764d. Senior Basket Making – Natural materials, any size, shape or design. Non-natural materials may be woven into design.
- 764e. Junior Jewelry – One piece of jewelry created by youth (Jewelry quality only). No kits or pony beads allowed. Glass, clay or wooden beads (painted or carved) permitted only.
- 764f. Senior Jewelry – One set (at least two items) of jewelry created by youth (Jewelry quality only). No kits or Pony beads allowed. No elastic material used to string beads. Glass, clay or wooden beads (painted or carved) permitted only. Examples: earring(s) and necklace or bracelet and necklace, etc.
- 764g. Junior Leather Craft – Item made from leather. May or may not be tooled. Kits allowed.
- 764h. Senior Leather Craft – same as above. No kits allowed.

21st Century Skills

RULES AND GUIDELINES

1. Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified.
2. Exhibits MUST correspond to:
 - a) Any project or activity from the <https://4-h.ca.uky.edu/rg/workforce-prep> curriculum.
 - b) Only pages relevant to project are needed. Additional pages are allowed but will not be considered by the judges.
3. Exhibitor is limited to one set of record pages in each division for a total of three entries.
4. Unique Rules or Instructions:
 - a) Create poster on 20” wide x 30” high foam core board or sturdy cardboard (turned in a vertical direction).
 - b) The use of pencil on the front of the poster is discouraged.
 - c) Judging criteria will be based on theme, poster design (lettering, attractiveness, how well it conveys a message), and narrative.
 - d) Information for the class can be found in Kentucky 4-H 21st Century Skills for Success curriculum.

e) Posters that do not include the narrative or do not conform to the topics specified in the class description will not be judged.

Class Divisions

JUNIOR DIVISION (grades 4-8)

925A In this project for grades 4-8, 4-Hers will interview someone in their community and create a poster showing the results of the interview. The person should work in a field the 4-Her is interested in pursuing. Topics to cover in the interview include: first name of interviewee, position title, responsibilities, experiences, education or training needed, why chosen, challenges, and successes in the position. A one-page narrative describing the process should be attached to the back of the poster.

SENIOR DIVISION (grades 9-12)

925A Senior Division (Grades 9-12): Resume – one page resume using Microsoft Word. See the Kentucky 4-H Workforce Preparation and Career Readiness Curriculum <https://4-h.ca.uky.edu/rg/workforce-prep>

Civic Engagement/ Service Learning

RULES AND GUIDELINES

1. Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified.
2. Exhibits MUST correspond to:
 - a) Any project or activity from the curriculum KY 4-H Civic Engagement and Service.
 - b) Only pages relevant to project are needed. Additional pages are allowed but will not be considered by the judges.
3. Exhibitor is limited to one set of record pages in each division for a total of three entries.
4. Unique Rules or Instructions:
 - a) Create poster on 20" wide x 30" high foam core board or sturdy cardboard (turned in a vertical direction).

b) The use of pencil on the front of the poster is discouraged.

c) Judging criteria will be based on theme, poster design (lettering, attractiveness, how well it conveys a message), and narrative.

d) Information for the class can be found in Kentucky 4-H Civic Engagement and Service Curriculum.

e) Posters that do not include the narrative or do not conform to the topics specified in the class description will not be judged.

Class Divisions

JUNIOR DIVISION CIVIC ENGAGEMENT & SERVICE

926 In this project for grades 4-8, 4-Hers will interview a Community Worker (Helper) and create a poster showing the results of the interview. Community workers are described as people who work in the community for its overall well-being. Examples of community workers/helpers are plumbers, carpenters, traffic police, doctors, teachers, and safety personnel. Community workers work for the people residing in the community. They solve problems that we experience in daily life. Poster to include: First name of worker, title, responsibilities, education/training, challenges, and successes, and why they want to help their community. A one-page narrative describing the process should be attached to the back of the poster.

SENIOR DIVISION CIVIC ENGAGEMENT & SERVICE

926A In this project for grades 9-12, 4-Hers will create a poster showing the process of completing a service project from beginning to end. Service learning is a method through which 4-Hers learn and develop through active participation in thoughtfully organized service that

- a) is conducted in and meets the needs of a community;
- b) is coordinated with a community service program, and with the community; and
- c) helps foster civic responsibility.

Poster to include the project to be completed, why there is a need, what the most effective plan was, the service that was done, and the results of the service project. A one-page narrative describing the process should be attached to the back of the poster.

Consumer & Financial Education

RULES AND GUIDELINES

1. A member may enter only one class in the Consumer and Financial Education Division.
2. **Item must meet the requirements for the class;** otherwise, the entry may be disqualified.
3. Items entered must have been completed by the exhibitor within the current program year.
4. Create poster on 20" wide X 30" high foam core board or sturdy cardboard (turned in vertical direction). Use of poster board is discouraged.
5. The use of pencil on the front of the poster is discouraged.
6. Judging criteria will be based on theme, poster design (lettering, attractiveness, how well it conveys a message), and narrative.
7. Information for the following classes can be found in the 4-H Consumer Savvy project manuals—The Consumer in Me, Consumer Wise, and Consumer Roadmap.
8. Posters that do not include the narrative or do not conform to the topics specified in the class description will not be judged.
9. **Additional Documentation Required:** Every class in this division requires a narrative. See class description for specifics.

Class Divisions

LEVEL I: THE CONSUMER IN ME (Grades 4-5)

- 914** Poster on "Bargain Shopping" –For grades 4-5; complete a cost comparison chart for one product you and your family use as outlined in the activities under "Bargain Shopping" on pp. 20-21. Use 20" X 30" foam core board or cardboard turned in a vertical direction.

Write a narrative telling how the decision making process was used to reach your final choice; include answers to the questions in "Check This Out!" on p. 21. At the end of the narrative, list the sources of information used in researching the topic. Make a poster on "comparison shopping." Include name, age, and county at top of narrative. The narrative can be handwritten or a computer printout; single or double spaced; on plain white or notebook paper--one to two pages, written/printed on front side only. Place the narrative in a plastic sleeve. Attach the sleeve to the back of the poster with tape or a binder clip.

- 915** Poster on "What is the Best Buy?" – For grades 4-5; complete a cost comparison chart for two products in three different sizes as outlined in the activities on pp. 22-23. Use 20" X 30" foam core board or cardboard, turned in a vertical direction. Write a narrative telling how the decision making process was used to reach your final choice; include answers to the question in "Check This Out!" on p. 23. At the end of the narrative, list the sources of information used in researching the topic. Make a poster on "checking prices." Include name, age, and county at top of narrative. The narrative can be handwritten or a computer printout; single or double spaced; on plain white or notebook paper--one to two pages, written/printed on front side only. Place the narrative in a plastic sleeve. Attach the sleeve to the back of the poster with tape or a binder clip.

LEVEL II: CONSUMER WISE (Grades 6-8)

- 916** Poster on "Media and the Marketplace" –For grades 6-8; complete a commercial comparison as outlined in the activities on pp. 18-19. Use 20" X 30" foam core board or cardboard, turned in a vertical direction. Write a narrative of your answers to the questions in "Check This Out!" on p. 19 and tell what conclusions you were able to draw from the experience. At the end of the, list the sources of information you narrative used in

researching your topic. Make a poster related to “advertising aimed at young people”— Include name, age, and county at top of narrative. The narrative can be handwritten or a computer printout; single or double spaced; on plain white or notebook paper-- one to two pages, written/printed on front side only. Place the narrative in a plastic sleeve. Attach the sleeve to the back of the poster with tape or a binder clip.

- 917** Poster on “Decision! Decisions! Decide!” — For grades 6-8; complete the 6-Step Decision Making process on any item you wish to purchase as outlined in the activities on pp. 12-13. Use 20” X 30” foam core board or cardboard, turned in a vertical direction. Write a narrative of your answers to the questions in “Check This Out!” on p. 13 and tell what conclusions you were able to draw from the experience. At the end of the narrative, list the sources of information you used in researching your topic. Make a poster related to “The Consumer Decision-making Process.” Include name, age, and county at top of narrative. The narrative can be handwritten or a computer printout; single or double spaced; on plain white or notebook paper--one to two pages, written/printed on front side only. Place the narrative in a plastic sleeve. Attach the sleeve to the back of the poster with tape or a binder clip.

LEVEL III: CONSUMER ROADMAP (Grades 9-12)

- 918** Poster on “How to Write a Wrong” —For grades 9-12; write a complaint letter as outlined in the activities on pp 22-23. Use 20” X 30” foam core board or cardboard, turned in a vertical direction. Write a narrative of your answers to the questions in “Check This Out!” on p. 23 and tell what conclusions you were able to draw from the experience. At the end of the narrative, list the sources of information you used in researching your topic. Make a poster related to “resolving a consumer complaint”. Include name, age, and county at top of narrative. The narrative can be handwritten or a computer printout; single or double spaced; on plain white or

notebook paper--one to two pages, written/printed on front side only. Place the narrative in a plastic sleeve. Attach the sleeve to the back of the poster with tape or a binder clip.

- 919** Poster on “I Own a Car or Does it Own Me?” — For grades 9-12; calculate and illustrate the costs of owning a car as outlined in the activities on pp. 28-31. Use 20” X 30” foam core board or cardboard, turned in a vertical direction. Write a narrative of your answers to the questions in “Check This Out!” on p. 29-30 and tell what conclusions you were able to draw from the experience. At the end of the narrative, list the sources of information you used in researching your topic. Make a poster related to “consumer decision-making in buying a car”. Include name, age, and county at top of narrative. The narrative can be handwritten or a computer printout; single or double spaced; on plain white or notebook paper--one to two pages, written/printed on front side only. Place the narrative in a plastic sleeve. Attach the sleeve to the back of the poster with tape or a binder clip.
- 920** Poster on “What Does Real Life Cost” —For grades 9-12; identify and illustrate the trust costs of living on your own as outlined in activities on pp. 32-33. Use 20” X 30” foam core board or cardboard, turned in a vertical direction. Write a narrative of your answers to the questions in “Check This Out!” on p. 33 and tell what conclusions you were able to draw from the experience. At the end of the narrative, list the sources of information you used in researching your topic. Make a poster related to “the financial responsibilities of living on your own”. Include name, age, and county at top of narrative. The narrative can be handwritten or a computer printout; single or double spaced; on plain white or notebook paper--one to two pages, written/printed on front side only. Place the narrative in a plastic sleeve. Attach the sleeve to the back of the poster with tape or a binder clip.

Crops

RULES AND GUIDELINES

1. Grain samples must be of good quality and free from foreign matter. The Superintendent has the authority to refuse any and all entries due to excess chaff, rodent pellets, mold, musty, foreign materials, or anything that makes is unsuitable for display. Grain is to be brought in clear plastic or glass pint size containers. Grain and Containers will be returned to the county. Identification tags and yield/variety information must be attached to container.
2. Samples should not be chemically sprayed within 2 weeks of the sample being collected. Exhibits entered with chemical residue will be disqualified and disposed of.
3. Legume hay shall consist of 85% if the class designed legume. Grass hay shall be 85% of the class-designed grass. Mixed hay should contain only one eligible grass and one eligible legume. The legume component shall be at least 30 percent alfalfa and not more than 70% legume. Eligible legumes are alfalfa, red clover, and ladino clover. Eligible grasses are timothy, Bermuda grass, orchard grass, tall fescue and rye grass.
4. Roots of soybeans must be washed.
5. Each County may have one entry per class. Exhibitor is limited to 1 entry per class. Exhibitor is not limited to number of classes entered.
6. Hay will be returned to your county.

Class Divisions

LEGUME HAY

- 600** Alfalfa hay, ½ bale (**no full bales accepted**) from the current year's project crop, neatly tied and labeled.
- 601** Red clover hay, ½ bale (**no full bales accepted**) from the current year's project crop, neatly tied and labeled.

GRASS HAY

- 602** Timothy Hay, ½ bale (**no full bales accepted**) from this current year's project crop, neatly tied and labeled. Place hay in a double strength plastic bag.
- 603** Other Grass Hay, ½ bale (**no full bales accepted**) from the current year's project crop, neatly tied and labeled. Place hay in a double strength plastic bag.

MIXED HAY

- 604** Mixed Hay, ½ bale (**no full bales accepted**) from the current year's project crop, neatly tied and labeled.

YELLOW CORN

- 605** Yellow-ear, from the previous year's crop, 8 ears shucked, and labeled with variety and yield.
- 606** Yellow-ear, from the current year's crop, 8 ears shucked, and labeled with variety and yield.
- 607** Yellow-shelled, from the previous year's crop, 0.5 gallon in a container, and labeled to show variety and yield.

WHITE CORN

- 608** White-ear, from the previous year's crop, 8 ears shucked, and labeled with variety and yield.
- 609** White-ear, from the current year's crop, 8 ears shucked, and labeled with variety and yield.
- 610** White-shelled, from the previous year's crop, 0.5 gallon in a container, and labeled to show variety and yield.

FIELD SOYBEANS (OIL)

- 614** Soybeans from the current year's crop, three stalks tied together below leaves, with roots intact, but free of soil, and labeled to show variety.
- 615** Soybeans from the previous year's crop. 1-gallon zip lock bag, and labeled to show variety and yield.

WHEAT (SOFT, RED, WINTER)

- 620** Wheat from the current year's crop, 0.5 gallon in a container, and labeled to show variety and yield.

- 621** Barley from the current year's crop, 0.5 gallon in a container, and labeled to show variety and yield.

Electricity Project

RULES AND GUIDELINES

1. Exhibits must be made based on the appropriate units in the 4-HCCS Electric Excitement project books. Projects entered using Snap Circuits® kits will be disqualified.
2. Exhibitor is limited to one entry per class.
3. All exhibits requiring bulbs must have the correct size.
4. Use of molded plug-ins is discouraged.
5. Any electric project observed or judged to be unsafe or potentially harmful to the public or surrounds will be disqualified immediately and disabled for further use.
6. Effective strain relief should be provided for all wire to terminal connections. Knots, clamps, connectors, or staples are acceptable when used appropriately.

Class Divisions

MAGIC OF ELECTRICITY (4HCCS BU-06848)

(All exhibits must be DC powdered).

- 645** Battery powered series and parallel circuits (Circuits must include both series and parallel, a simple switch and can be no more than 9 volts).
- 646** Homemade Galvanometer (Must be able to detect the presence of an electrical current)
- 647** Electromagnetic Circuits (Must be a working electromagnet with a simple switch and can be no more than 9 volts).
- 648** Simple homemade DC motor (Rotor must turn under its own power).

INVESTIGATING ELECTRICITY (4HCCS BU-06089)

(All exhibits must be DC powdered).

- 649** Battery powered series or parallel circuit (Circuit may be either series or parallel, must contain either a momentary and/or three way switch, a circuit diagram with explanation and can be no more than 9 volts).

- 650** Original design soldered circuit project (Circuit must contain an on/off switch, a motion or tilt activated switch, a light and sound producing device and must be powered by 9 volts. All connections in the circuit must soldered and a circuit diagram with explanation must be included).

WIRED FOR POWER (4HCCS BU-06050)

(All exhibits must be AC powered and be able to be safely connected and disconnected from a standard 120 volt duplex outlet).

- 651** Display of wire sizes and types with description and example of usage (display must contain at least 12 different examples)
- 652** Simple household or farm use circuit (Circuit must contain one single pole switch controlling one electrical load device. Circuit should be mounted on a sturdy mounting surface and free standing. Wiring should be done with Romex NM-B 12 gauge wire and clamped or stapled appropriately. A circuit diagram with explanation must be included)
- 653** Complex household or farm use circuit (Circuit must contain at least two three-way switches, and may also contain a four-way switch, controlling one electrical load device. The circuit must also contain a working duplex electrical outlet. Circuit should be mounted on a sturdy mounting surface and free standing. Wiring should be done with Romex NM-B 12 gauge wire and clamped or stapled appropriately. A circuit diagram with explanation must be included)
- 654** Table, desk, vanity or floor lamp, any purpose – original design only. (Pop Can Lamp kits will be disqualified)

ENTERING ELECTRONICS (4HCCS BU-06851)

(Exhibits may be either DC or AC powered. AC powered exhibits must be able to be safely connected and disconnected from a standard 120 volt duplex outlet).

- 655** Basic electronic circuits without solid-state components (from project book).
- 656** Basic electronic circuits with solid-state components (from kit).
- 657** Basic electronic circuits with solid-state components (original circuit design, must include circuit diagram and explanation).

GREEN ENERGY (4HCCS BU-06851)

- 658A** Wind powered energy project (original design).
- 658B** Solar powered energy project (original design).
- 658C** Water powered energy project (original design).

Entomology

RULES AND GUIDELINES

1. An exhibitor is limited to one entry per class.
2. Specifications for pinned-insect exhibits 687A, 688A, 689A, 690A and 691 (see below for insect photography exhibits, 687B, 688B, 689B):
 - a)** Folding cardboard insect-collection boxes available through the University of Kentucky (Martin-Gatton College of Agriculture, Food, and Environment Department of Entomology) should be used. Homemade or purchased cardboard or wooden exhibit boxes may be used instead but must have protective lids that can be easily opened and that don't damage the specimens inside. They must be approximately 9 inches and by 12 inches (cardboard) or 18 inches by 24 inches (wooden) and approximately 3 ½ inches thick. All boxes must have foam bottoms (such as 8-millimeter or 3/8-inch-thick EVA foam available at hobby shops). Wooden boxes should have Plexiglass tops, use a thumbscrew fastener instead of a fastener that requires a tool. (For cardboard boxes, any size with footprint about the size of a standard sheet of printer paper a little larger is acceptable)
 - b)** Specimens are to be arranged so the box can be exhibited horizontally. 4-H'ers may attach wires to the back of wooden boxes to help make them easier to display.
 - c)** Identification labels available from your County Extension Office must be used, or custom labels may be printed if they conform exactly to the font, font size, and font color of the official labels. Labels should be printed onto white cardstock. The exhibit identification card should be placed

on the front of the box (each box).

Instructions for pinning and labeling are included in your project literature.

d) One half of the specimens may be from the previous year's collection or from anywhere in the United States; one half or more must be Kentucky insects collected since the last Kentucky State Fair. No insects that were originally collected from counties outside of the United States may be included.

e) For the first through fifth year projects, a display collection catalog must be in an envelope attached to the back of the display box. Envelopes should be attached to permit their being opened easily to remove catalogue from them without moving the exhibit.

f) Most specimens in the display cases should be pinned, and the use of vials is discouraged. If vials are used, they may account for no more than 2% of a collection. Vials must be securely wired or pinned to the pinning bottoms.

3. Entomology exhibits are judged on the following categories: Orders, Species, Common Names, Labels, Condition of Specimens, Overall Appearance, Life Cycle Representation, and Catalog of Specimens. Check with county 4-H Agent for point distribution on score sheet.

4. Exhibits will be penalized if they do not:

a) Use insect pins for pinning insects.

b) Use the 4-H Entomology identification labels.

c) Use display boxes that are approximately 9 inches by 12 inches by 3 ½ inches cardboard boxes or wooden boxes that are approximately 18 inches by 24 inches by 3 ½ inches.

d) Fulfill the requirements of the particular exhibit under which it is entered.

e) Have the insects arranged so the box can be exhibited horizontally.

f) Have the display collection catalogue in an envelope attached to the back of the display box through fifth year projects.

5. No extra credit will be given for specimens exhibited beyond the numbers listed in the current project books.

6. 4-H'ers entering fifth year cannot use the same exhibit that has been judged in any previous State Fair.

Class Divisions

FIRST YEAR PROJECT

687A First year project: up to three cardboard boxes approximately 9 inches by 12 inches or up to two 18 inches by 24 inches wooden boxes, with minimum of 25 insects, maximum of 50 insects, from at least four orders. Identification beyond order is not necessary. All specimens must have date and locality labeled.

687B First year project (minimum of 25 insect photographs, maximum 50 photographs, from at least four orders. Identification beyond order not necessary. All photographs must have notation field.) Specifications for insect photography exhibits:

- a)** Images will be submitted on a USB memory device (such as a "thumb drive") with no other data except for the images and folders. The USB device must be identified externally with a tag or label, showing "4-Her's last name-County-Lot Number-Class Number-Entry Number." The single root folder will be labeled with the same information. Images will be contained inside this folder. Example folder name: Doe-Fayette-6026-687a-24531
- b)** Each image will be .jpg format, 1920X1080 pixels. Vertical or horizontal black bars may be present to allow for cropped images.
- c)** Each image will have a filename that matches the following: "last name-county-#.jpg," where "#" indicates the number of the image inside the folder. Example filename: Doe-Fayette-1.jpg
- d)** Each image will include a 400X300 pixel (or larger if necessary), white notation box with important information about the photo. This notation field may be placed anywhere inside the image, including inside black bars (if present). Fonts may vary based on the 4-Her's software, but we recommend Ariel, 18pt, black, non-bold or larger. 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 or GPS coordinates.]

[Brand and type of camera or camera phone]

[Settings, including type of lens, relevant camera settings, and "flash" or "no flash"]

[Insect Order – Common Name]

1. First year entomology photography exhibits are judged on the following categories: Orders, Species, Common Names, Labels, Quality of Photograph. Check with county 4-H Agent for point distribution on score sheet.
2. Digital insect collections will be penalized if they:
 - a)** Consist of images that were created by someone other than the 4-Her
 - b)** Are not submitted and labeled according to guidelines
3. No extra credit will be given for photographs submitted beyond the numbers listed in the current project books.

SECOND YEAR PROJECT

688A Second year project: up to three cardboard boxes approximately 9 inches by 12 inches or up to two 18 inches by 24 inches wooden boxes, with minimum of eight orders and no less than 50 insects, nor more than 100 insects, Half of the insects should be identified with a common name.

688B Second year project (40-50 photographs total, representing 2 kinds of insect eggs, 8 nymphs, 8 larvae, 2 pupae, and a minimum of 20, maximum of 30, images showing insect adaptations and/or behaviors).

THIRD YEAR PROJECT

689A Third year project: three cardboard boxes approximately 9 inches by 12 inches, or two 18 inches by 24 inches wooden boxes, with a minimum of 10 orders and 100 insects, a maximum of 150 insects.

- 689B** Third year project (50-100 photographs total, with images showing insects and other arthropods that impact humans).

FOURTH YEAR PROJECT

- 690A** Fourth year project: three cardboard boxes approximately 9 inches by 12 inches, or two 18 inches by 24 inches wooden boxes, with a minimum of 12 orders and 150 insets, no maximum. An addition cardboard or wooden box with an example 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 or desired.
- 690B** Fourth year project (100-150 photographs total, with images showing insects and other arthropods that impact humans). Specifications for exhibits are the same as for 689B except for the additional number of photographs. No images from previous insect photography projects may be reused for this project.
- 690C** Junior Level Entomology Video Project. 1-3 minute entomology video submitted to social media platform (YouTube), focusing on one insect or insect relative (including arachnids, centipedes, millipedes, and crustaceans) that lives in Kentucky. Specifications:
- a)** Video may be created on any video-editing platform and may include editing, cuts, text, special effects, filters, still images, music, and narration.
 - b)** The final video will be uploaded by the 4-Her onto YouTube, either to an account managed by local County Extension staff or to an account managed by the 4-Her. If the County Office is managing the account, they will provide a link to the video to blaken@uky.edu. If the 4-Her chooses to upload the video with privacy settings, the final video may be shared as a link to blaken@uky.edu (for YouTube videos) prior to St. Fair project submission deadlines.
 - c)** The video should begin with an introduction from the 4-Her which includes the following information: First Name,

County Name, Name of Project ("Junior Level Kentucky 4-H Entomology Video Project"), Common Name of Insect (or insect relative), Scientific Order Name of Insect (or insect relative).

- d)** The 4-Her may appear in the video if they elect to do so and if they have a H-328 photo consent form on file (<https://entomology.ca.uky.edu/file/photo-imageconsentformh328pdf>). The inclusion of 4-H logos (such as on a T-shirt, or on a County Extension sign) in the video is encouraged. Videos may be used by the University of Kentucky on websites or social media for education or entertainment purposes.
- e)** The video should focus on a single kind of native or non-native insect or insect relative that lives wild in Kentucky. The video does not have to focus on a single species, but needs to be more specific than the Order level. For instance, a video on "wolf spiders" would be acceptable, but "spiders" would be too general for this project. Similarly, "lady beetles" would be an appropriate topic, but "beetles" is too general.
- f)** The video may cover any factual information about the creature including: habitat, feeding strategies, defense, range, life cycle, impacts to humans, conservation status. Additional content, (such as folklore, humor, or personal experiences with the creatures) may be included, but should account for less than 50% of the content. Information may be delivered via narration (live or overdubbed), text/subtitles, or a combination.
- g)** Any media used in the video must be generated by the 4-Her. Images, video clips, music or sound clips from other creators should not be used, with the exception of licensed TikTok background music.

FIFTH YEAR PROJECT

- 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 to 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.

691C Senior Level Entomology Video Project. 1-3 minute entomology video submitted to social media platform (YouTube), focusing on one insect or insect relative (including arachnids, centipedes, millipedes, and crustaceans) that lives in Kentucky. Specifications: same as 690C except for Senior level.

- 694** Two one pound Queenline or Classic Jars of amber extracted honey
- 695** Two one pound 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.

Honey

RULES AND GUIDELINES

Honey will show better in oval, flat sided to square clear glass containers. 4-H'ers **must** use standard honey jars purchased from a bee supply vendor. 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: that jars must be glass, with the exception being the cut comb honey.

Display cases for capped honey may 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 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.

Class Divisions

- 692** Two one pound glass Queenline or Classic Jars of white extracted honey
- 693** Two one pound Queenline or Classic Jars of light amber extracted honey

Foods

RULES AND GUIDELINES

1. Member is limited to one entry per class.
2. Recipes: Entries are to be made using recipes specified in the class description. All recipes can be found in the **4-H Fair Recipe Book-- Food** in the 4-H Cooking 101-401 Series or contact the Shelby County Extension Office.
3. Place the baked product on a disposable plate. Place the plate inside a re-closable zip-type bag to maintain freshness and prevent damage. (Exhibit will not be disqualified if the plate is not inside the bag).
4. Use of plastic film or aluminum foil to wrap product is discouraged but will not cause the product to be disqualified.

Class Divisions

MUFFINS

- 841** Three Oatmeal Muffins: Use recipe in 4-H Cooking 101, p. 54.
- 842** Three Cheese Muffins: Use recipe in 4-H Cooking 201, p. 49.

BISCUITS

- 843** Three Rolled Biscuits: Use recipe in 4-H Cooking 201, p. 50.
- 844** Three Scones: raisins may be substituted for dried cranberries. Use the recipe in the **4-H Fair Recipe Book--Food**.

QUICK BREADS

- 845** Three Cornmeal Muffins: Use the recipe in the **4-H Fair Recipe Book--Food**.
- 846** Three pieces of Coffee Cake with Topping: Use recipe in 4-H Cooking 101, p. 59. Nuts are optional.

COOKIES

- 847** Three Chewy Granola Bars (gluten-free): Use recipe in 4-H Cooking 101, p. 35.
- 848** Three Brownies: Use recipe in 4-H Cooking 101, p. 67. Nuts are optional.
- 849** Three Snickerdoodle Cookies: Use the recipe in 4-H Cooking 201.

CAKES

- 850** Half of one 8" or 9" layer Rich Chocolate Cake (no icing): Use recipe in 4-H Cooking 301, p. 116.
- 851** Half of one 8" or 9" layer Carrot or Zucchini Cake (no icing): Use recipe in 4-H Cooking 301, p. 119. May use carrots or zucchini.
- 852** ¼ of a Basic Chiffon Cake: Use recipe in 4-H Cooking 401, p. 118. Do not use variations.

PIES

- 853** One whole Double Crust Apple Pie: Use recipes in 4-H Cooking 401, p. 105 and 97 or in the **4-H Fair Recipe Book—Food**. Leave pie in the disposable pie pan and place all in a zip-type plastic bag. May use spice variation if desired.

YEAST BREADS

- 854** Three Cinnamon Twists (no icing): Use recipe in 4-H Cooking 301, p. 42 & 44.
- 855** Three Soft Pretzels: Use recipe in 4-H Cooking 301, p. 48. Use any one topping listed.
- 856** One loaf Oatmeal Bread: Use recipe in 4-H Cooking 401, p. 25.

BREAD MADE IN A BREAD MACHINE

- 857** One loaf Honey Whole Wheat Bread made in a bread machine: Use the recipe in the **4-H Fair Recipe Book--Food**. May be a 1-pound, 1 ½-pound, or 2-pound loaf.

CANDY

- 858** Three pieces Classic Chocolate Fudge (size: about one inch square): Use recipe in 4-H Cooking 401, p. 89. Nuts are optional.

ADAPTED FOOD

- 859** Adapted Recipe and supporting documents: Using a recipe from another 4-H Food Exhibits Class youth adapt the recipe to meet a dietary restriction. Entry will consist of: the food item, the original recipe, and an explanation of the adaptation that includes 1) what the adaptation is, 2) How this meets a dietary need, 3) the new recipe.

Food Preservation

RULES AND GUIDELINES

1. Member is limited to one enter per class.
2. Recipes: Entries are to be made using recipes found in the **4-H Fair Recipe Book—Food Preservation** or contact the Shelby County Extension Office.
3. Canned entries must be prepared from raw produce.
4. Re-canning of commercially processed foods is not permitted.
5. Helpful Information for the following classes can be found on the National Center for Home Food Preservation website.
6. Jars not processed by the correct method will not be judged. Open kettle processing is not acceptable for any product.
7. Jars must be clear, clean STANDARD jars specifically designed for home canning. If mayonnaise or similar non-standard jars are used, the product will not be judged or awarded a premium.
8. Two-piece screw bands and lids specifically designed for home canning should be left on containers.

Class Divisions

- 861** Dried Apples: Dry apples according to the instructions in the **4-H Fair Recipe Book—Food Preservation**. Place 12 pieces of dried fruit in a container which is an example of a container suitable for long term storage of dried fruit. Label package with kind of fruit and date processed. Size of the container is not being judged.
- 862** Salsa: (pint jar or smaller) canned using a boiling water canner. Use the recipe in the **4-H Fair Recipe Book—Food Preservation**. Canning Label must be completed by the member and affixed to the jar. The USDA recommended headspace for salsa is ½ inch.
- 863** Dill Pickles: (pint jar or smaller), canned using a boiling water canner: Use the recipe in the **4-H Fair Recipe Book—Food Preservation**. The USDA recommended headspace for pickles: ½ inch. Canning Label must be completed by the member and affixed to the jar.
- 864** Strawberry Jam: (half pint or smaller jar), canned using a boiling water canner. Use the recipe in the **4-H Fair Recipe Book—Food Preservation** The USDA recommended headspace for jam is ¼ inch. Refrigerator and freezer jams are not appropriate for this class.
- 865** Green Beans: (One pint), canned using a pressure canner. Use the recipe in the **4-H Fair Recipe Book—Food Preservation**. Beans may be 'raw packed' or 'hot packed' but the packing method used must be indicated on the label. The USDA recommended headspace for green beans is 1 inch. Canning Label must be completed by the member and affixed to the jar.

Forestry

RULES AND GUIDELINES

1. Member is limited to one entry per class.
2. 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.

Class Divisions

FIRST YEAR

- 703** Leaf Collection
Collection of 10 leaves representing 10 forest trees native to 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 native to Kentucky. Instructions in the forestry book, "4-H Forestry Project Unit I - Introducing Yourself to Trees" (4DF-01PA or most recent version) Activity #2 are to be followed.

SECOND YEAR

- 705** Leaf Collection-2nd year
Collection of 20 leaves representing 20 forest trees native to 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** Leaf Print Collection 2nd year.
Collect and print 20 leaves representing 20 forest trees native to Kentucky. Instructions in the forestry book, "4-H Forestry Project Unit 1-Introducing Yourself to Trees" (4DF-01PA or Most recent version) Activity #2 are to be followed.
- 707** Educational Exhibit- Forest Products
Develop a creative educational exhibit on a forest product produced in Kentucky. The product may be a traditional wood product (such as flooring or bourbon barrels) or a non-timber forest product (such as maple syrup, shitake mushrooms etc). 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

- 708** Educational Exhibit-Forest Health (Invasive Tree Insect or Invasive Tree Disease)
Develop a creative educational exhibit on a current invasive tree insect or invasive tree disease impacting Kentucky's forest trees. The exhibit may utilize any visual technique. The total is not to exceed dimensions of 3'x3', or nine (9) square feet.
- 709** Leaf Collection-3rd year
Collection of 30 leaves representing 30 forest trees native to 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.
- 710** Leaf print Collection-3RD YEAR
Collect and print 30 leaves representing 30 forest trees native to Kentucky. Instructions in the forest book. "4-H forestry Project Unit 1- Introducing Yourself to Trees" (4DF-01PA or most recent version) Activity #2 are to be followed.

FOURTH YEAR

- 711** Leaf Collection-4th year
Collection of 40 leaves representing 40 forest trees native to 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.
- 712** Leaf Print Collection-4th year
Collect and print 40 leaves representing 40 forest trees native to Kentucky. Instructions in the forest book. "4-H forestry Project Unit 1-Introducing Yourself to Trees" (4DF-01PA or most recent version) Activity #2 are to be followed.

FIFTH YEAR

- 713** Leaf Collection-5th year
Collection of 50 leaves representing 50 forest trees native to 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.

- 714** Leaf Print Collection-5th year
Collect and print 50 leaves representing 50 forest trees native to Kentucky. Instructions in the forest book. "4-H forestry Project Unit 1-Introducing Yourself to Trees" (4DF-01PA or most recent version) Activity #2 are to be followed.

Geology

RULES AND GUIDELINES

1. Member is limited to one entry per class.
2. Display boxes must be no less than 14" no more than 17" vertically and no less than 16" no more than 24" horizontally. The depth should be no more than 4 inches.
3. All boxes must have Plexiglas cover that can be easily removed for judging.
4. EACH exhibit must be secured with a lock. Attach a key to box with your name and county firmly attached to key. Keep another key in case key is misplaced. (Note: if a cardboard or plastic box is used and the 4-Her is unable to attach a lock, the exhibitor enters the collection at their own risk-meaning the state fair and Kentucky 4-H program are not responsible for stolen or lost items or specimens.)
5. Hinges and Locks: Make flush or mount on sides or top of boxes so boxes will sit level.
Note: Cardboard or plastic boxes can be used but will not be eligible to receive Grand or Reserve Champion.
6. Fabric: If fabric is used, use a fabric glue to adhere entire piece of fabric to box. Suggested fabrics are felt or velveteen.
7. Rocks, Minerals, and Fossils: Should be firmly attached to the box. See Rule 9 for label information.
8. Boxes will be displayed on their side, not flat. Therefore, larger specimens must be attached near the lower portion of the box.
9. Geology Identification Labels available from the County Extension Agent for 4-H or KY Geological Survey website
<http://www.uky.edu/KGS/education/4H.htm>.
These are the only labels acceptable.

10. Exhibits may not be eligible for Class champion if:
- a) Box does not fit in the size stated in rule 2
 - 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) The specimen is not clearly numbered on the label (the judge is unable to determine which specimen goes with each label).
 - g) Specimens are not arranged in numerical order
 - i) Duplicate specimens are used to reach minimum number.
11. The following score card will be used to judge Geology Exhibits:
- a) Correct identification and labeling – 5 points for each specimen
 - d) Neatness, arrangements, background – 20 points for total exhibit

Class Divisions

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>.

FIRST YEAR

- 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.

Home Environment

RULES AND GUIDELINES

1. Member is limited to one entry per class.
2. Only those entries that are properly labeled and documented will be considered for class champion.
3. Items normally hung on the wall, such as pictures and bulletin boards must be ready to hang with appropriate hardware permanently attached.
4. "Refinished" item refers to an item already in use which has been given a new finish using paint or some type of seal.
5. The following classes require documentation: 893, 894, and 897-913. Read class description carefully.

Class Divisions

UNIT I: FROM EXPLORING YOUR HOME PROJECT BOOK

- 887** **Color Collage** (p. 10, activity 3): A collage of color created by the member to depict colors liked by the member. A collage is made up of a collection of objects (such as paper, fabric, wrapping paper, wallpaper, carpet, or other materials) artistically arranged and adhered to a mat board or foam core board.
- 888** **Texture Collage** (pg. 10, see activities 1 & 2): A collection of textured items or rubbings of textured items artistically arranged and adhered to mat-board or foam core board.
- 889** **Transparent finish applied to small wood object** (p. 16): Apply a clear finish such as tung oil, penetrating seal or polyurethane which does not include stain to a small wood object such as a bowl, tray, board game or box. A transparent finish allows the wood grain to show through. Judging emphasis will be on how well the object is prepared for the finish and how well the finish has been applied, not the construction of the wood object. The wood object may be made by

the member, made by someone else, purchased or found. Items that are stained or finished with paint do not fit in this class.

- 890 Simple cloth item for the home** (Sewing machine may be used but is not required): Examples: decorative pillow, tablecloth, laundry bag, place mats; footstool with a seat made of woven fabric; fabric applied to an item such as a box, plate, or lampshade. Unacceptable: purses, tote bags, backpacks, duffle bags.
- 891 Wastebasket** (p. 14) decorated by member
- 892 Crate Bookshelf** (p. 14) decorated by member.
- 893 Bulletin board** (If it is to be hung on a wall, it must be ready to hang with appropriate hardware attached.)

UNIT II: FROM *LIVING WITH OTHERS PROJECT BOOK*

- 894 Decorative item for the home & photo:** decorative item created by the member as part of a 4-H Home Environment Project. Include a photo showing how the item fits into the home's décor.
- 895 Simple wood item refinished by the 4-H member:** Item should have straight lines with no elaborate carvings or turnings. (The idea is to learn how to apply a new finish such as paint, stain, varnish, polyurethane, etc. to a simple wooden furnishing that's already in use.) Documentation is to include a "before" photo with explanation of how the item was refinished must be securely attached. Examples: refinished footstool, children's furniture, small box, tray, picture frame, bookshelves, and plant stand.
- 896 Cloth item for the home created using a sewing machine** Examples: hemmed tablecloth or table runner, wall hanging, pillow, pillow case, throw, embellished towels, shower curtain, chair cover, laundry bag, pet bed, valence, and curtains. Unacceptable: purses, tote bags, backpacks, duffle bags.
- 897 Invitation and thank you letter/note:** Design an invitation and thank you letter/note for a sleepover, birthday party or other occasion of your choice.

Cards/letters may be created with computer software or handwritten. Decorations on the cards/letters may be member's original artwork, computer-generated art, purchased or found decorative items. The message written in the card or letter is more important than the decorations. Write your name and county on the back of each card/letter and place each card/letter in a plastic sheet protector. (For the fair, it is best to use a fictitious address and contact information on the invitation or thank you.) Envelopes are not required for exhibit.

UNIT III: FROM *WHERE I LIVE PROJECT BOOK*

- 898 Accessory for the home created by the 4-H member:** This exhibit is to be made up of two parts: 1) the accessory and 2) a sheet or folder of documentation. Documentation is to include: a sketch or photo to show how the accessory is used in the home and a description of how the design and colors fit in with the other furnishings and color used in the home. Examples: stitchery or appliqué wall hanging, latch hook items, pillow with applied design (stitchery, appliqué or other media), rug, picture in appropriate frame and ready to hang.
- 899 Individual place (table) setting:** This exhibit is to be made up of two parts: 1) one individual place setting appropriate to a theme or event chosen by the 4-H member and 2) a color photo or diagram of the place setting showing how it should be arranged. Include plate, beverage container(s), placemat, and napkin. Additional decorative item(s) are optional. All items that make up the place setting are to fit on the surface of the placemat. Flatware (knife, fork and spoon) must be included in the photo/diagram showing how all the items are arranged, but do NOT send flatware to the state fair. To insure that all pieces get returned to the member, write the name and county of the exhibitor on tape and place it on every part of the table setting in a location hidden to the public when exhibited at the fair.

900 Piece of furniture refinished (stripped, sanded, and painted or stained/sealed) by the 4-H member: This exhibit is to be made up of two parts: 1) the furniture and 2) Documentation is to include a “before” photo with explanation of how the item was refinished must be securely attached.

Examples: rocker, table, chair or chest.

901 Old or discarded item made useful in a new way as a home accessory: This exhibit is to be made up of two parts: 1) the accessory and 2) a sheet or folder of documentation. Documentation is to include a “before” photo; an explanation of how the item was made useful again in a new way; materials used, cost and time involved in project. Examples: old silverware flattened and made into wind chimes; scrap wood pieces made into wall art; old lace doily attached to a pillow or framed; old tool box cleaned up and made into a TV stand.

UNIT IV: FROM *IN MY HOME PROJECT BOOK*

902 An accessory for the home, made with member’s original or adapted design: This exhibit is to be made up of two parts: 1) the accessory and 2) a sheet or folder of documentation. Documentation is to include an explanation of how the item was created/adapted and a description of how and where item is used in the home. Examples: latch hooked rug or wall hanging; pillow with stitchery design; wall hanging of natural dyed yarns, or drawing with mat and finished or refinished frame.

903 Heritage item refinished, restored, or made by the 4-H member: This exhibit is to be made up of two parts: 1) the item and 2) a sheet or folder of documentation. Documentation is to include information on the history or meaning of the item to the member, how the item was refinished, restored, or made by the member, and how it is used in the home. Examples include antique or collectible furniture, memory box, scrapbook that reflects family history/home/house/farm/land of several generations), quilt with heritage design, wall hanging showing family tree.

904 Purchased article selected by 4-H member to solve a home decorating problem: This exhibit is to be made up of two parts: 1) the purchased article and 2) a folder of documentation. Documentation is to include a description of the problem to be solved, alternatives considered in the solution of the problem, how the plan was carried out, resources used (time, money) and member's evaluation of the results (satisfaction with purchased article, how article is used in the home), and photos illustrating the before and after effect. Examples include wall decoration, lamp, vase, storage item, desk accessories, bedspread, rug, table linens, pillow, and draperies.

905 A cloth article made by the 4-H'er showing a major home improvement: This exhibit is to be made up of two parts: 1) the cloth article and 2) a folder of documentation. Documentation is to include a written description, “before” and “after” pictures /showing how cloth article is used in home, other colors used in room, time and costs involved, and care required. Examples: bedspread, quilt, window treatment and boxed bench pad. Unacceptable: purses, tote bags, backpacks, duffle bags.

UNIT ADVANCED: SELF-DIRECTED PROJECT

The intent of the following classes is to give members an opportunity to put everything they have learned in Units I-IV of the home environment projects into practice.

906 Furniture Experience: Furniture which has been refinished, reupholstered, recovered, recycled, reused or remodeled - Exhibit is to be made up of two pieces: 1) the piece of furniture and 2) a folder describing the original condition of the furniture (include a picture if possible), work required in completing project, time and cost involved, and how item is used in the home. **DO NOT INCLUDE NEWLY CONSTRUCTED FURNITURE.**

907 Design Experience: Create a plan for or actually complete a design experience. The exhibit is to be made up of two pieces: 1) a home furnishing item which is representative of the design experience

(item may be made by the member or purchased) and 2) a folder or notebook describing the plan. Examples of project ideas: a plan for redecorating a room; creation of an accessory item using an original design of 4-H member; notebook with pictures and descriptions of architectural styles used in Kentucky homes.

908 Heritage Experience: Complete a heritage project. The exhibit is to be made up of two pieces: 1) an item representative of the heritage experience and 2) a folder or notebook describing the overall experience, the significance of the project to your family. Examples of project ideas: Restoration of a family heirloom (could include caning, reseating, etc.) including who it belonged to and the significance to the family; study of furniture styles including pictures and history; study of old buildings in the community including photos and descriptions of the architectural significance, period of history, uses of the buildings; create an item after learning a heritage or craft skill...especially from an older family member or friend and describe how skill was learned, how interest was stimulated and how you will use item and skill.

909 Major Home Improvement Experience: Complete a major home improvement project. The exhibit is to be made up of a notebook which describes the project, tell whether project was an individual project or a group or family project, describe the do-it-yourself skills learned time and cost involved. Include before, during, and after photographs, if possible. Examples: improve storage areas in the house or garage; paint the house; wallpaper and decorate a room; remodel the basement.

CHANGING SPACES

910B Design Style Board: There are many styles of design that youth can be drawn to, some examples include but are not limited to: American Traditional, Shabby Chic, Industrial, Southwestern, and Arts and Crafts. Youth will identify one of the styles they are particularly

drawn to and create a style board that represents that style. This can include fabrics, magazines and online photos, furniture, lighting, and room photos. As well as other representative artifacts that represent the style. Minimum size 8 ½ x 11 inches.

Maximum size 11 x 17 inches on mat or foam board. Make sure the name of the style youth are trying to portray is visible on the display.

911A Bedroom Room Floor Plan: This exhibit is to be made up of two parts: 1) a mounted room plan and 2) folder of the documentation described below. Use (scale: 1 square = 1 foot). Include a door(s), window(s), and furniture. Minimum size 8 ½ x 11 inches. Maximum size 11 x 17 inches on matt or foam board. Should include answers to these questions: 1. What are its dimensions? 2. How many square feet are in the room? 3. Tell about how you worked with the items in your room such as walls, windows, doors and furniture.

911B House Floor Plan: This exhibit is to be made up of two parts: 1) mounted house plan and 2) folder of the documentation described below. Include bedroom(s), bath(s), living space, kitchen, door(s) and window(s). Including a garage is optional. Minimum size 8 ½ x 11 inches. Maximum size 11 x 17 inches on mat or foam board. Documentation should include answers to these questions: 1. Did you look at other floor plans for inspiration? 2. What type of roof does your house have? 3. Did you consider how a family member who is disabled (for instance, a wheelchair user) might get around in your home?

912A Presentation Board – Color Scheme for One Room: This exhibit is to be made up of two parts: 1) a presentation board as described below and 2) a folder of the documentation described below. Create a presentation board which illustrates a color scheme for any room in the home. On mat board or foam board, mount color pictures or actual swatches of fabric, wall covering, paint, and flooring, (Color pictures may be downloaded and printed or cut from magazines to represent these items. The mounting board should be 15" or 16" X 20" inches. In the folder, describe

the person who lives in the room and the decisions required in selecting the color scheme.

- 913 Universal Design:** Universal design is a design practice that creates spaces that usable by all people, to the greatest extent possible. This exhibit is to be made up of two parts: 1) a presentation board as described below and 2) a folder of the documentation described below. Create a presentation board that has two floorplans on it. One floorplan should be in its original form and the other should be changed to meet universal design practices. Highlight the areas that you have changed in the second floorplan. Include a door(s), window(s), and furniture. On mat or foam board, mount the floor plan. The mounting board should be 15" or 16" X 20." In the folder list the changes that you have made to the floorplan to make it accessible to all.

Horticulture

RULES AND GUIDELINES

1. A class of exhibits representing the horticulture and plant science projects will be included in the Kentucky State Fair. Members will be limited to one project per class. Examples of acceptable exhibits are listed below. Plants, photographs or other visual aids are necessary for most projects. The class will be governed by the following:
 - a) Exhibits will be judged on the quality of the primary (horticulture) project work.
 - b) All plants exhibited MUST have been grown by the 4-Hers for at least 6 months. Exceptions will be made with terrariums, dish gardens and annual and vegetable bucket gardens which may have been grown for a shorter period of time.
 - c) Items improperly entered will be disqualified.
 - d) Exhibits entered with pesticide residue will be disqualified and disposed of.
 - e) Care will be provided for all plants.

f) Vegetable entries should be fresh, with the label on top of exhibit. Do not stick toothpicks in produce.

Youth should NOT use garden soil in containers. Use well-drained, disease-free potting media for all containers.

Class Divisions

- 561 Environmental Awareness (Such as but not limited to:)** A one-page description of project must accompany entry item (type or printed neatly) to be eligible for entry.
- A. Tree planting on city property, roadways, parks, etc.
 - B. Home landscaping
 - C. Composting
- 562 Production and Marketing (such as but not limited to:)**
- A. Vegetable garden planted for home and/or market use.
 - B. The planting, production, or management of fruit plantings.
 - C. The planting, production, or management of trees, shrubs, greenhouse crops or garden perennials.
- 563 Experimental Horticulture (such as, but not limited to:)** A one-page description of project must accompany entry item (type or printed neatly) to be eligible for entry.
- A. "Science Fair" type of exhibit involving experimental work with plants
 - B. Comparison of different varieties of vegetables or annual flowers
 - C. Comparison of mulching or other cultural practices
- 564 Horticultural Project Exhibits (such as, but not limited to:)** A one-page description of project must accompany entry item (type or printed neatly) to be eligible for entry.
- A. How to propagate plants
 - B. How to force spring bulbs
 - C. How to start seeds
 - D. How to graft cacti
 - E. How to dry herbs

PLANT DISPLAYS

Youth should NOT use garden soil in containers. Use well-drained, disease-free potting soil for all containers.

- 565 Terrariums
- 566 Dish gardens (desert or tropical)
- 567 Vegetable container gardens (grown in container - not dug out of the garden)
- 568 Annual container gardens - (non-vegetable)
- 569 House plants
- 570 Hanging baskets
- 571 Herb Container Garden (labels are not required)
- 572 Window Box Display
- 573 Upcycle Container Garden (Previously used container recycled, example, wood pallet garden)

GARDEN AND/OR ORCHARD DISPLAYS

- 574 The exhibitor may exhibit as many different fruits and/or vegetables from their garden as desired. Any size or type (minimum of five types) of produce may be displayed in the 2'x3' area provided for each exhibit. The exhibit must be in a display container (box or basket) which can be easily moved.

They will be judged as follows:

Quality of Produce	40%
Attractiveness of Container	30%
Uniformity and true-to-type ness	10%
Number of different types	15%
Labeling	5%

4-H'ers may also exhibit plates of vegetables. A white paper plate for vegetables must be supplied by the exhibitor. These vegetables will not be returned to the exhibitor. Classes of vegetables will be limited to:

- 575 Tomato (5 per plate) Must be ripe (red or yellow color only) cherry type
- 576 Tomato (5 per plate) beef steak
- 577 Tomato (5 per plate) heirloom
- 578 Peppers, hot (5 per plate)
- 579 Peppers – bell (5 per plate)
- 580 Peppers – sweet (5 per plate)
- 581 Cucumbers, slicing (5 per plate)

- 582 Cucumbers, pickling (5 per plate)
- 583 Beans, snap or lima (12 per plate)
- 584 Corn, sweet (in the husk with silks) (5 ears per plate)
- 585 Cantaloupe (1 whole)
- 586 Squash, summer (3 per plate)
- 587 Eggplant (3 per plate)
- 588 Potato (5 per plate)

They will be judged as follows:

Condition	25%
Quality	20%
Uniformity	20%
True-To Type	20%
Size	15%

Consult Exhibiting and Judging Vegetables (4BC-08PO) to learn the characteristics of these criteria.

The largest vegetable may not be the highest quality, nevertheless, it is unique. The largest entry in each of the following classes will receive a class champion ribbon.

- 589 Largest Tomato (by weight) Must be ripe (red or yellow color only)
- 590 Largest Pumpkin (by weight)
- 591 Largest Watermelon (by weight)

The following exhibits are for the Shelby County Fair only. They will not advance to the State Fair.

- 232 Beets (5)
- 233 Cabbage (1 Head)
- 234 Carrots (5)
- 235 Onions-green (5)
- 236 Peas (12 pods)
- 237 Radishes (5)
- 238 Turnip (3)
- 239 Apples (5)
- 240 Peaches (5)
- 241 Strawberries (12)
- 242 Blueberries (12)

Leadership

RULES AND GUIDELINES

1. Exhibits MUST correspond to:
 - a) Any project or activity from the Leadership (4-H Step Up to Leadership and Unlock Your Leadership Potential) and/or Communications project books.
 - b) Only pages relevant to project are needed. Additional pages are allowed but will not be considered by the judges.
 - c) **THIS IS NOT A GENERAL SCRAPBOOKING CATEGORY.** The scrapbook format is a method of recording the leadership experiences of youth who participate in these project areas. State Fair projects that do not demonstrate a clearly stated correspondence to a leadership activity will not be considered for judging or will receive a white ribbon.
2. Exhibits that do not meet the established criteria will not be considered for judging.
3. Exhibit must be in an 8 ½" x 11" or 12" x 12' notebook or scrapbook format. Format will allow a Leadership or Communication Portfolio to be developed and kept over multiple years.
4. An exhibitor is limited to one set of record pages in each division for a total of three (3) entries.
5. Refer to the class entry to determine the required number of pages.
6. Photos should clearly address the theme or activity corresponding to the selected leadership project. Each photo should be explained with a 2-3 sentence journaling caption. One or two paragraphs of narrative explaining the project or activity should be included on the scrapbook pages. Clearly indicate pages to be judged. Additional pages beyond those required by the project will not be reviewed.
7. The Leadership Project should contain the following:

- a) 2 or more photos on each page;
 - b) Each photo should be explained with captions (see #6);
 - c) 1-2 paragraphs of narrative (see #6) on one of the pages;
 - d) No additional pages of narrative are needed
8. Photos can be taken by the 4-Her or another person. The pictures should clearly address the Leadership project that is selected. Pictures may be cropped as desired.
 9. Pages will be scored on: organization of project (easy to follow and relevant to a Leadership Project), neatness, narrative content, caption content, photo content, and overall effectiveness of the project.

Class Divisions

4-H LEADERSHIP PROJECT

- 927** Junior Level - 2 pages based on an activity, program or project from the 4-H Leadership Curriculum or program, (ie. Club, activity, project, event). All activities must be conducted as part of your 4-H year.
- 928** Senior Level - 4 pages based on an activity, program or project from the 4-H Leadership Curriculum or program, (ie. Club, activity, project, event). All activities must be conducted as part of your 4-H year.

DIVISION 6041-C 4-H CLUB SCRAPBOOK

- 929** 4-H Club Scrapbook – Using pictures and captions tell about your 4-H Club's year focusing on leadership, communications and community service activities. (No limit on page numbers) All activities must be conducted as part of your 4-H year.

Needlework

RULES AND GUIDELINES

1. Member is limited to one entry per class.
2. Member may enter Three classes per category (Categories are crochet, Knitting, embroidery, and quilting) in the Needlework division. (This means: a member's name may appear three times under each category on the county's Needlework Division invoice sheet.)
2. Items must be "handmade" by the 4-H member. Items knit with a knitting machine or loom are not permitted.
3. Item(s) must be clean to be accepted for judging. Previous wearing/using is acceptable (and strongly encouraged!), but item must be clean.
4. If the pattern/instructions are not from the Kentucky 4-H Needlework Notebook, a copy of the pattern must be submitted with the exhibit. Label the pattern with entrant's name and county and attach to exhibit. Attach to item with a safety pin or binder clip.

Class Divisions

CROCHET

- 813 Small Crochet Item(s) made of medium (4) weight yarn:** Must include rows or single, half double and/or double crochet stitches. Such as: scarf, purse, belt, hat, pillow, two wash clothes (made from cotton yarn), or pair of slippers. Scarf must be at least 24" long.
- 814 Large Crochet Item(s) made of medium (4) weight yarn:** Must include rows or single, half double and/or double crochet stitches. Such as: afghan, shawl, or vest.
- 815 Crochet Item made entirely with novelty yarn:** Novelty yarn is any yarn other than medium 4) worsted weight yarn. Do not use standard medium (4) weight yarn. Must include rows or single, half double, and/or double crochet stitches. Such as: scarf, purse, belt, hat, pillow, afghan, shawl or vest. Scarf

must be at least 24" long. Novelty yarn is any yarn other than medium (4) worsted weight yarn.

- 816 Crochet Item(s) made using the Granny Squares technique:** May use any weight yarn, may use a single or multiple colors of yarn. Such as: purse, shawl, afghan, or hat.
- 817 Item(s) made using intermediate skills/pattern crochet stitches:** Such as: hat, belt, scarf, pair of mittens, pillow, sweater, vest, shawl or baby blanket, doily (made from bedspread (0) weight thread) or set of 5 different ornaments (made from bedspread (0) weight thread using intermediate skills/stitches. Include one or more pattern stitches—shell, arch, diamond, bobble, snapdragon, popcorn, cross, puff, cluster, or seed/granite. Can include one or more colors. Scarf must be at least 24" long.
- 818 Item using intermediate skills for shaping and fitting multiple pieces together:** items must include increase and decrease. Such as stuffed toys or pair of slippers.
- 819 Item or pair of items using advanced crochet skills:** include one or more of the following advanced skills: beadwork, filet crochet creating plaids, geometric designs or checks; making novelty crochet articles.
- 820 Item or pair of items using advanced crochet skills to creating your own design:** Original designs must include a copy of directions, notes and diagrams used to create the items(s). Suggested items include: multi-colored hat, purse, collar (made with bedspread-weight cotton thread), sweater, jacket, afghan or coat.

HAND EMBROIDERY

All embroidery projects are to be a "finished" item (for example: the stitchery is framed or made into an item such as a pillow, wall hanging, pot holder, eyeglass holder, etc.) The embroidery design or slow stitched design can be created on a purchased item, such as a pillowcase, clothing, tote bag, purse, bib, or dishtowel. Items may be made from purchased kits that meet the individual project guidelines. The sizes mentioned in the classes below (such as 5" X 7") relate to the amount of stitching, not the size of the fabric, frame, or finished item.

One type of embroidery stitch:

- 821 Redwork:** Embroidery item made with a single color of floss. Must use the stem stitch and have an embroidered area equivalent to 5 x 7 inches or larger.
- 822 Stamped Cross Stitch:** Cross stitched design stamped (printed/drawn) on plain woven fabric and have an embroidered area equivalent to 5 x 7 inches or larger.

Multiple Types of Embroidery Stitches:

- 824 Stamped Embroidery:** Embroidery design printed/drawn on plain woven fabric or felt. Must include three or more of the following different stitches (stem/outline, lazy daisy, running, straight, French knot, satin, blanket, chain, or back stitch). May use more than one color of floss. Must have an embroidered area equivalent to 5 x 7 inches or larger.
- 825 Free Embroidery:** Embroidery design used to embellish a base fabric without the design being drawn on the fabric. Must include three or more of the following different stitches (stem/outline, lazy daisy, running, straight, French knot, satin, blanket, chain, or back stitch). May use more than one color of floss. Must have an embroidered area equivalent to 5 x 7 inches or larger. Embroidery may embellish design lines on the item.

Charted Embroidery Using Large Cross or Snowflake Stitches"

- 826 Cross Stitch on Gingham:** Embroidered area equivalent to 5 x 7 inches or larger.
- 827 Counted Cross Stitch:** Counted cross stitch on 11 count Aida cloth and have an embroidered area equivalent to 5 x 7 inches or larger.
- 828 Chicken Scratch on gingham:** Chicken Scratch (also known as Snowflake embroidery) on gingham fabric. Must have an embroidered area equivalent to 5 x 7 inches or larger.

Punch Needle

- 829 Punch Needle:** Embroidered are equivalent to 6 x 6 inches or larger.

Charted Embroidery Using Specialty Cloth:

- 830 Counted cross stitch on 14 count Aida cloth:** Must have an embroidered area equivalent to 5 x 7 inches or larger.
- 831 Counted cross stitch using waste canvas:** Must have an embroidered area equivalent to 5 x 7 inches or larger.
- 832 Huck embroidery** on huck towel/toweling creating a minimum 2-inch wide border design or created on even-weave fabric such as Aida cloth. Embroidered area equivalent to 3 x 3 inches or larger. Such as bookmark, mug rug.
- 833 Swedish weaving** on monk's cloth creating a minimum of 6-inch wide border design.

Embroidery Using Advanced Skills:

- 834 Ribbon Embroidery Using Silk Ribbon for 5 or More Embroidery Stitches:** Design may also include use of embroidery floss in addition to the silk ribbon.
- 835 Counted cross stitch on 18 or 22 count even weave or Aida cloth:** Must have an embroidered area equivalent to 5 x 7 inches or larger.

KNITTING

The objective is for youth to learn the skills involved in hand knitting with needles. Therefore items made on a knitting loom or knitting machine are NOT to be entered and will not be judged.

- 837 Small/simple knitted item(s):** Items such as a hat, small pillow, purse, scarf, belt, or two washcloths (no larger than 10" x 10" each); use medium (4) worsted weight yarn. Wash cloths should be made from worsted weight cotton yarn. Items are limited to those that include garter stitch, stockinette stitch, and/or ribbing stitch. Items made on a knitting machine or looms do not fit in this class.
- 838 Knitted Item created using Self-striping or Variegated Yarn(s):** Use some yarn other than single color medium (4) worsted weight yarn. Such as a purse, scarf, hat leg warmers, fingerless mitten, etc.
- 839 Larger/simple knitted item(s):** Items such as a hat and scarf; pair of mittens; pair of slippers,

shawl, cowl, or lap/baby blanket. May use yarn other than worsted weight yarn. Multiple colors and at least one pattern stitch may be used in addition to garter stitch, stockinette stitch, and/or ribbing stitch.

- 840 Knitted project focused on Shape—Garment or Fashion Accessory:** Exhibit one item or a pair of items using pick up stitches, multiple color changes (stripes or duplicate stitch), and/or circular knitting. Item must include increase and/or decrease. May use yarns other than medium (4) worsted weight yarn. May include simple color changes (stripes or duplicate stitch). Ideas such as: gloves, hat, mittens, fingerless mittens, socks, skirt, sweater, or vest.
- 841 Knitted project focused on Shape—Stuffed Toy:** Exhibit one item using pick up stitches, and/or knitting in the round. Item must include increase and/or decrease. May use yarns other than medium (4) worsted weight yarn. May include simple color changes (stripes or duplicate stitch).
- 843 Knitted project focused on Color Design:** Exhibit one item or a pair of items using charted designs or your own design. Chartist designs may include color changes such as Fair Isle Intarsia, and/or Mosaic knitting All entries must include a copy of directions, notes, and any diagrams used to create the item. Ideas such as: throw pillow, afghan (minimum size 45-x 60-inches), shawl, holiday stocking, purse, pair of socks, sweater.
- 844 Knitted project focused on Textural Design:** Exhibit one item or pair of items using charted design or your own design. Chartist designs must include multiple pattern stitches such as Aran Isle knitting or lace knitting. Knitting with beads is also acceptable. All entries must include a copy of directions, notes, and any diagrams used to create the item. Ideas such as: throw pillow, afghan (minimum size 45-x 60-inches), holiday stocking, purse, pair of socks, sweater.

QUILTING

All projects are to follow these guidelines/requirements:

- 1. Quilt must contain 3 layers: top (hand or machine stitched,) batting, backing.*
- 2. If edge finish is not described in the class description the following are accepted options:*
 - a) Stitched and turned- Backing is placed right sides together with top, stitched and turned. Opening is sewn closed. No binding needed.*
 - b) Self-binding-Backing is brought to the front, folded, and stitched to the quilt.*
 - c) Applied binding- Separate binding applied with mitered corners.*
 - d) Decorative stitched edge- optional for Class #856 and #857.*
- 3. Quilting – minimum 4" apart, unless otherwise indicated in class description using the following methods: Hand tack, Hand quilt or Use domestic sewing machine quilt. No long arm or hooped embroidery quilting accepted.*
- 4. Size is listed by class with measurements of perimeter (total outer edge measurement.) Ex. 120" = 30" square or 25" x 35" rectangle – or any other combination of 120". Can be smaller or larger as noted in class information.*
- 5. Hanging sleeve or tabs are optional except in #846.*

- 845 Strip/String Quilt:** Use strips of varying widths to make 4-blocks, sewn together for the top. Stitched and turned or self-binding suggested. Perimeter not to exceed 132". Suitable for beginner.
- 846 Wall Hanging:** Begin with a square or rectangle piece of focus fabric or printed panel. Add at least 2 borders to the center block/panel. Add fabric loops for hanging. Finish with stitch and turn. Quilting can be stitch-in-the-ditch or echo quilting up. Perimeter not to exceed 132". Suitable for beginner. Hanging sleeve or tabs are required.
- 847 Four Patch Runner:** Hand or machine piece 3 four patch blocks. Each four-patch must include at least two 6-inch square patchwork units made with square and/or rectangle pieces (ex. four patch, rail fence.) No triangle pieces. Finished quilt should measure 12"x 36". Stitch and turn or self-binding suggested. Suitable for advanced beginners.

- 848 Quilt-As-You-Go :** Create a quilt using any quilt-as-you-go method. Add rows to the edge so that face fabric, batting and backing are attached to the previous piece. There is no additional quilting needed. Applied binding with mitered corners. Perimeter should not exceed 144". Suitable for the advanced beginner.
- 849 Small Patchwork Quilt:** Sew four 12" square blocks or nine 9" square blocks with sashing and/or borders. Triangle pieces and/or machine applique' are required. Hand or machine quilt. Applied binding with mitered corners. Finished quilt not to exceed 36" x 36".
- 850 Dimensional Pieces, Miniature Scale, or Landscape Design Quilt:**
Create a quilt using dimensional pieces, miniature scale, or landscape design techniques. May include fused fabric, dimensional additions, hand or machine applique, free motion quilting and/or decorative edge finish. Finished quilt not to exceed a maximum of 100 inches perimeter.
- 851 Squares or Strips Precut:** Sew a top using squares and/or strips. Pre-cuts acceptable. Applied binding with mitered corners. Perimeter not to exceed 200".
- 852 Applique, pillow with applique:** Hand applique design on a minimum of 4 blocks. Applique can be raw edge or turned edge. Sashing border required. Quilting required. Perimeter not to exceed 120 inches. Applied binding with mitered corners.
- 853 Foundation Paper Pieced Quilt:** Use foundation paper piecing techniques for the quilt top. Applied binding with mitered corners. Perimeter maximum 200".
- 854 English Paper Piecing:** One-inch hexagons (7 total) sewn together by English Paper Piecing method to create 2 individual coasters using the stitched and turned method. Finished size is approximately 5" diameter. Optional: hexagon motif can be appliqued onto a larger fabric piece and be finished with batting and backing. Self-binding or attached binding is acceptable. Small amount of quilting is acceptable.
- 855 Non-traditional Fabrics Quilt:** Sew a pieced top using non-traditional materials such as t-

shirts, ties, bandanas, or denim. T-shirts must have interfacing and have sashing separating each block. Cotton fabric or fleece may be used for backing. Quilting must be done by the 4-H'er and be appropriate for the design. Applied binding with mitered corners. Perimeter must be larger than 200".

- 856 Original Design Quilt:** Quilt top created by the 4-H'er. Must submit original design with the quilt and an explanation of the techniques used in the quilt. Quilting must be done by the 4-H'er and be appropriate for the design. Applied binding with mitered corners or decorative edge finish appropriate for the design. Perimeter minimum 144".
- 857 Crazy Quilt Patchwork:** Blocks constructed of irregularly shaped fabric pieces (can be specialty fabrics) embellished with a combination of ribbon work, specialty thread, embroidery stitches, and/or beadwork creating a finished crazy quilt design. The design can be created by hand or machine. Border is optional. Hand tacking is suggested quilting method. Applied binding with mitered corners or decorative edge finish accepted. Minimum perimeter size 48" but not to exceed perimeter of 160".

Photography

RULES AND GUIDELINES

1. All general photography classes are taken from 4-H Photography Core Curriculum ([Focus on Photography](#), [Controlling the Image](#) and [Mastering Photography](#)).
2. Members are limited to one entry per class.
3. Horticulture photography: a 4-H'er may enter any of the classes in addition to general photography.
4. All pictures must be made since the last State Fair.
5. All classes (including Horticulture) WITH ONE PHOTOGRAPH MUST BE MOUNTED ON WHITE 10"x 16" MAT BOARD-available from the Shelby County Extension Office (no poster board or foam core board accepted). Single photographs are limited to up to a maximum

size of 8"x 12." Pictures cannot be framed or matted with colored mat board.

6. All classes (including Horticulture) WITH MULTIPLE PHOTOGRAPHS (More than 1 photograph) MUST BE MOUNTED ON WHITE 16" x 20" MAT BOARD (no poster board or foam core board accepted). Pictures cannot be framed or matted with colored mat board.
7. Each picture must be mounted securely. Rubber cement or dry mounting tissue is recommended. Do not use photo mounting corners.
8. Photos (except horticulture classes) must include the following description. The description must be typed, on white paper, and placed on the back of the matboard. The description must include the following:
 - Class
 - Subject
 - Location
 - Equipment used (specific camera, if a point and shoot camera, cell phone, or DSLR); if using point and shoot or DSLR camera, list the specific Lens, Tripod, Trigger Release, Lighting, etc.)
 - Skill applied from 4-H Photography Curriculum (specific page from curricula guide should be listed).
9. Absolutely nothing on front of mat board except photographs, labels (if required) and ID tag. Any other required materials are to be mounted on the back.
10. Photography will be judged on, but not limited to: Technical, impact, composition, creativity, presentation, and the ability of the picture to tell a story.

Class Divisions

Natural Resources

764a Forest – Photograph showing Forest (large area dominated by trees) and/or Forestry Activities

764b Water – Photograph showing still or moving natural water system or water activity

764c Wildlife – Photograph showing unrestrained and live wildlife in natural habitat; Domestic animals are not permitted

764d Natural Scenic – Photograph showing natural scene [manmade object not as subject of photograph]

764e Native Plants – 1 – 5 Photograph(s) of Kentucky Native Flora in natural area [not garden] - a plant that occurs naturally in the place where it evolved.

764f Insect – Photograph of insect(s) unrestrained and live in natural habitat

Agriculture

765a Livestock – Photograph uses livestock as the main subject.

765b Crops – Photograph uses crops as main focus.

765c Life Cycle – 1-5 photograph(s) clearly showing at least one phase of life cycle (birth, growth, death).

765d Agriculture Scenic – Landscape photograph with agriculture as the main focus.

765e Farm Equipment/Implement – Photograph with agriculture equipment/implement as main subject.

765f Companion Animal- 1 Photograph with a companion animal as the subject.

Leadership

766a Formal/Candid Portrait – Photograph that shows a person as the main subject. [A formal portrait is not a snapshot but a carefully arranged pose under effective lighting conditions and a candid photograph is a photograph captured without creating a posed appearance.]

766b Urban Scenic – Landscape Photograph showing an Urban setting as the main subject.

766c Event – 1-5 Photograph(s) that are focused on a community event.

766d Service – Photograph that displays service learning (community service) as the main subject.

766e 4-H Event – 1-5 Photograph(s) that cover a 4-H event you attended.

766f National/International – 1-5 Photograph(s) that focus on a National or International experience.

FCS

767a Family – Portrait or Candid Photograph of family members or event

767b Food Preparation – 1 – 5 Photograph(s) showing meal or single food item preparation

767c Culture – Photograph showing unique perspective of local or global culture

767d Fashion Portrait – Portrait Photograph with modeled fashion as the primary subject
767e Patterns/Design – Photograph Showing Natural or Manmade Pattern / Design
767f Residential – 1 – 5 Photograph(s) showing residence or residential area from inside and outside.

SET

768a Mechanics – 1 – 5 Photograph(s) showing the applied concept of force and energy.
768b Architecture – Photograph showing the product of planning, designing, and constructing buildings or any other structures.
768c Energy – Showing the creation or expulsion of energy
768d Movement – 1 – 5 Photograph(s) of object showing movement [manmade]
768e Construction – 1 – 5 Photograph(s) showing the steps of construction for any built structure
768f Machinery/Equipment – Photograph showing machinery or equipment used in construction, engineering, or repair.

Health

769a Physical Activity – Photograph that shows physical activity as the main subject.
769b Competitive Sports – Photograph that shows a sport as the main subject.
769c Healthy Lifestyle – Photograph that expresses healthy lifestyles as the main subject.
769d Healthy Foods – 1-5 Photographs focused on healthy food or meal choices.
769e Careers in Health – 1-5 Photographs that focus on Careers in the health and service fields as the main focus (ex. Fire, law, medicine, emergency, education).
769f Dealing with Stress – Photograph that illustrates a hobby or interest that helps an individual reduce stress.

Communications/Expressive Arts

770a Music – Photograph showing music (written or performed)
770b Instrument/Art Utensils – Still life photograph using musical instruments or art equipment as primary subject
770c Cultural Arts Event – 1 – 5 Photograph(s) showing attended cultural arts event (Art Show, Musical Performance, etc.)

770d Arts Creation – 1 – 5 Photograph(s) with the design, construction, and/or creation of art as the primary subject
770e Created Art in Your Community – 1 – 5 Photographs showing local art in your county.
770f Word(s) – Single word spelled out using built or natural environment or words within the community with personal significance or meaning.

HORTICULTURAL PHOTOGRAPHY EXHIBITIONS

Horticulture is the science, art, technology and business concerned with intensively cultivated plants that are used by people for food, for medicinal purposes, and for aesthetic gratification. Horticulture is divided into two categories: The cultivation of plants for food (pomology and olericulture):

- Pomology deals with fruit and nut crops. (not included in photography classes)
- Olericulture deals with herbaceous plants for the kitchen, including, for example, carrots (edible root), asparagus (edible stem), lettuce (edible leaf), cauliflower (edible flower), tomatoes (edible fruit), and peas (edible seed). (included in photography classes)

Plants for ornament (floriculture and landscape horticulture).

- Floriculture deals with the production of flowers and ornamental plants; generally, cut flowers, pot plants, and greenery. (included in photography classes)
- Landscape horticulture is a broad category that includes plants for the landscape, including lawn turf, but particularly nursery crops such as shrubs, trees, and climbers. (not included in photography classes)

For the purposes of the Kentucky 4- Horticulture Photography Contest, only photographs representing the areas of Olericulture and Floriculture will be accepted.

HORTICULTURAL PHOTOGRAPHY CLASSES

771 Single black and white. Horticultural subject or activity. (Maximum size: 8" x 12")
772 Single color. Horticultural subject or activity. (Maximum size: 8" x 12")

773 Sequence of 4 photographs. B&W or Color representing a horticultural event or activity that tells a visual story, chronologically, without the use of words.

774 Horticulture collection (B&W or color), consisting of 6 photographs.

A Grand and Reserve Champion will be selected from class champions in Horticulture

Sewing

RULES AND GUIDELINES

1. A member may enter up to two classes within their age division in the Sewing Division.
2. Items must be "handmade"; no ready-to-wear/factory made items will be accepted for judging.
3. Items must be CLEAN, however it is permissible for garment to show wear.
4. Articles of clothing for "Clothing Option" classes are to be made by and constructed for the 4-H member to wear. Doll clothing does not meet the requirement for Clothing Option Classes.
5. Send NO additional accessories or undergarment with any sewing entry unless it was constructed as a part of the project.
6. Complete outfit: The definition of a "complete outfit" is an item or items that cover the top and bottom of the body. To be considered a top, a jacket or robe, it must include a front or back closure. Open front tops that require an under shirt do not count as a complete outfit unless the under shirt is also constructed by the member.
7. Documentation is required only in Junior Unit VI non-clothing option and Up Cycle Jr & Sr. projects.
 - a) Documentation may be handwritten or printed by computer on 8.5" X 11" paper.
 - b) Insert documentation into an inexpensive folder or plastic sheet protector. Attach it to the item using a safety pin or binder clip.

Class Divisions

Junior Division for 4-H'ers Ages 9-13

Junior members may complete the projects in any order and may repeat a level more than one year.

The curriculum includes instructions for making "practice" items; the practice items do not fit in classes in the Clothing Division.

UNIT I: LET'S LEARN TO SEW *Beginner Skills*

See Publication: pages 3-20 and 55-56

<http://www.ca.uky.edu/agc/pubs/4jd/4jd01pb/4jd01pb.pdf>

- 790A** Unit I Clothing Option: Shorts, pants, or skirt with casing waistline (elastic and/or drawstring). Garment must be made from woven fabric and include the following: straight machine stitching, appropriate visible seam finish, and machine stitched hem.
- 790B** Unit 1 Non Clothing Option: Apron or a Carrier Bag (ie: drawstring backpack, shoulder bag, tote bag or laundry bag) The bag must include some type of handle. Item must be made from woven fabric and include the following: straight machine stitching, appropriate visible seam finish and a casing. Machine stitched hem on apron is acceptable. Practice projects (travel kit and tissue holder) are not to be entered. This class is for youth ages 9-13.

UNIT II: LET'S GET TO THE BOTTOM *Beginner Skills*

See Publication: pages 21-38 and 55-56

<http://www.ca.uky.edu/agc/pubs/4jd/4jd01pb/4jd01pb.pdf>

- 791** Unit II Clothing Option: Skirt, shorts or pants. Exhibit must be made from woven fabric and include the following: enclosed seams, appropriate seam finish, interfacing, zipper, and a facing or waistband. This class is for youth ages 9-13.
- 792** Unit II Non Clothing Option: Bag with zipper (i.e. tote bag/purse, garment bag, sling -type bag or duffle/gym bag) Exhibit must be made from woven fabric and include the following: enclosed seams, appropriate seam finish, interfacing, and zipper. Practice projects (book cover, zippered travel bag) are not to be entered, This class is for youth ages 9-13.

UNIT III: TOP IT OFF *Beginner Skills*

See Publication: pages 39-52 and 55-56

<http://www.ca.uky.edu/agc/pubs/4jd/4jd01pb/4jd01pb.pdf>

- 793** Unit III Clothing Option: Shirt, simple jacket, one piece dress with no waistline, cape with a hood or collar, bathrobe, or vest with lining or facing. Garment must be made from woven fabric and include the following: buttons and buttonholes. A simple lining, trim, collar, and sleeves may be included but are not required. This class is for youth ages 9-13.
- 794** Unit III Non Clothing Option: Backpack or sports bag with lining or facing, applied trim, and button/buttonhole closure. Practice projects (hanger cover, pillow case with button closure, gift bag) are not to be entered. This class is for youth ages 9-13.

UNIT IV: STRETCH YOUR KNIT *Beginner Skills*

See Publication:

<http://www.ca.uky.edu/agc/pubs/4jd/4jd01pb/4jd01pb.pdf>

- 795** Unit IV Stretch Your Knit Skills: 1 or 2 piece complete outfit made from knit fabric; such as a dress, top and bottom, pajamas, or nightshirt. All garment pieces must be made from knit fabric with a limited amount of one-way stretch; rib knit may be included for neckband and arm/leg band trim only.

UNIT V: MOVING ON UP *Intermediate Skills*

See Publication: http://www.ca.uky.edu/sites/4-h.ca.uky.edu/Files/junior_unit_v_moving_on_up.pdf

http://www.ca.uky.edu/sites/4-h.ca.uky.edu/Files/junior_unit_v_moving_on_up.pdf

- 796** Unit V Moving on Up: one-piece outfit made from woven fabric; such as a dress, coveralls, or jumpsuit. Item must include at least a zipper and/or buttons and buttonholes. A waistline simple lining, trim, collar, and sleeves may be included but are not required.

UNIT VI: PUT IT ALL TOGETHER

See Publication: pages 49-56

<http://www.ca.uky.edu/agc/pubs/4jd/4jd01pb/4jd01pb.pdf>

- 797** Unit VI Put It All Together Clothing Option: 2 or 3 piece complete coordinating outfit; such as athletic wear; dress with jacket or coat, swimwear with cover-up, jacket or shirt with slacks/ skirt. *At least one piece must include sleeves and a collar/hood. No simple casings.*

Fabric choice may be woven, knit or a combination of the two.

- 798** Unit VI Put It All Together Non Clothing Option: Download a pattern from site of your choice for tote bag, purse, luggage, etc. Be creative with your design. Required elements: Pockets, functional zipper; and creative stitchery or applied trim to personalize your bag. If bag is not lined, the seam allowances must be finished with a bound seam finish. Optional elements: lining, [button(s), hook and loop tape, or snap(s)]. This class is for ages 9-13. **In the documentation include:** your name, your county, the name of the unit, class entered, cost, and the design source

UNIT IV: UP CYCLE IT! *Advanced Skills*

See Publication: https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/upcycle_project_ir_and_sr.pdf

- 799A** Up Cycle It! Junior clothing option-item sewn from repurposed garments or household fabric goods and documentation folder. Recycled fabric is to be the major component of the item. Documentation required, include: your name, your county, unit, class entered, a "before" photo of all repurposed items used; source of the fabric or garment; how the design was created and any design drawings that were used in the creation. Place documentation in a folder or plastic protector. "Deconstructed" t-shirts which do not include sewing skills do not fit this class. Items for the home do NOT fit this class. Items which do not include sewing as a major means of reconstruction are not eligible for this class. See Publication. This class is for youth ages 9-13 with sewing skills.

- 799B** Upcycle It! Non-Clothing option: accessories sewn from repurposed garments or household fabric goods and documentation folder. Such as tote bag, hat, luggage, purse, etc. Documentation required, include: your name, your county, unit, class entered, a "before" photo of all repurposed items used; source of the fabric/garment; how the design was created; and any design drawings that were used in the creation. Items for the home do not fit this class. Placed documentation in a folder or plastic sheet protector. This class is for youth ages 9-13 with sewing skills.

Class Divisions

Senior Division for 4-H'ers Ages 14-18

Senior members may complete the projects in any order and may repeat a level more than one year.

UNIT: LET'S BE CASUAL

See Publication: http://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior_unit_1_a_lets_be_casual.pdf

- 800** Let's Be Casual--Clothing Option: 1 or 2 piece complete outfit made from knit or woven fabric such as a dress, top and bottom, romper, simple pajamas, or robe. This class is for ages 14-18.
- 801** Let's be Casual--Non Clothing Option: 2 coordinating fabric accessories from the following: apron, oven or BBQ mitt, wallet, garment bag, purse, backpack or duffel bag.

UNIT: DRESS IT UP

See Publication: https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior_unit_1_b_dress_it_up_0.pdf

- 802** Dress It Up--1 or 2 piece complete "dressy" outfit, such as a dress, suit, pantsuit, sport coat and slacks. Fabric choice may be woven, knit or a combination of the two.

UNIT: MATCH IT UP

See Publication: https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior_unit_1_c_match_it_up.pdf

- 803** Match It Up--Clothing Option: Choose at least one item from each group to make a complete 3 or 4 piece coordinated outfit:
- Shorts, pants, or skirt
 - Top, blouse or shirt
 - Vest, jacket or sweater
- At least one piece is required to have regulation set in sleeves. Fabric choice may be woven, knit or a combination of the two. An accessory item may be included as the fourth piece.
- 804** Match It Up--Non Clothing Option: 3 or 4 piece coordinating sport/luggage/travel or fashion accessories set. Ideas include, but are not limited to, a wallet, purse, device carrier, backpack, duffel bag, gym bag, or bag for bike or vehicle. Among the items chosen, the set must include the use of applied trim, pockets and at least one zipper. This class is for youth ages 14-18.

UNIT: CREATIVE EXPRESSIONS

See Publication: https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior_unit_1_d_creative_expressions.pdf

- 805** Creative Expression--Clothing Option: Construct a complete outfit for one of the following activities:
- Holiday, theater, cosplay or historic costume
 - Uniform for medical profession, cheerleader, dancer, etc.
 - Riding apparel
- This class is for ages 14-18.
- 806** Creative Expression--Non Clothing Option: Select one of the following and construct a:
- Fabric doll or animal with a wardrobe of two outfits
 - Creative accessories such as; gauntlets, tote, hat, purse, etc.
 - Machine appliquéd specialty flag or decorative banner (minimum size 24 inches x 24 inches).

UNIT: LEISURE TIME *Advanced Skills*

See Publication: https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior_unit_2_a_leisure_time_1.pdf

- 807** Leisure Time--Clothing Option: 2 or 3 piece complete outfit. Choose from the following:
- Athletic wear such as yoga, cycling, warm-up, bathing suit and cover-up, tennis wear, etc.
 - Pajamas and robe (must use specialty fabric such as terry cloth, flannel, fleece, nylon tricot)
 - Raincoat and hat or rain suit

UNIT: FORMAL AFFAIR *Advanced Skills*

See Publication: https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior_unit_2_b_formal_affair_2.pdf

- 808** Formal Affair—1 or 2 piece complete outfit, such as a prom dress, bridesmaid dress, or tuxedo. Fabric choice may be woven, knit or a combination of the two.

UNIT: UPCYCLE IT! *Advanced Skills*

See Publication: https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/upcycle_project_jr_and_sr.pdf

- 809A** Up Cycle It! Senior Clothing Option—item sewn from repurposed garments or household fabric goods and documentation folder. Recycled fabric is to be the major component of the item. Documentation required, include your name, your county, unit, class entered, a "before" photo of all the

repurposed items used; source of the fabric or garment; how the design was created; any design drawings that were used in the creation. Place documentation in a folder or plastic sheet protector.

“Deconstructed” t-shirts which do not include sewing skills do not fit this class. Items for the home do not fit this class.

Items which do not include sewing as a major means of reconstruction are not eligible for this class. See Publication. This class is for youth ages 14-18 with sewing skills.

809B Up Cycle It! Senior Non-Clothing Option: accessories sewn from repurposed garments or household fabric goods and documentation folder. Such as tote bag, hat, luggage, purse, etc. Documentation required, include: your name, your county, unit, class entered, a “before” photo of all repurposed items used; source of the fabric/garment; how the design was created; and any design drawings that were used in the creation. Items for the home do not fit this class. Placed documentation in a folder or plastic sheet protector. This class is for youth ages 9-13 with sewing skills.

810 Outwear: Construct an outerwear garment such as a coat, jacket, cape, vest, parka, rainwear, etc. Must include zipper and/ or button/ buttonhole. Must include hood, collar or facing. This class is for youth ages 14-18 with sewing skills.

Tobacco

RULES AND GUIDELINES

1. An exhibitor may enter in any one or all different classes.
2. Each stick of green tobacco consists of 4 stalks per stick.
3. All entries in the green stick classes should be wilted for a better presentation, but must still be in GREEN STAGE. Green tobacco will be judged on uniformity, general appearance and quality.
4. All growing tobacco plants should be potted in a waterproof plastic bag and placed in an attractive container before arrival at the Fair. A five (5) gallon bucket is suggested.

5. Each exhibit of stripped Burley tobacco shall consist of two (2) hands, each hand shall be made of twenty (20) leaves or more.

Class Divisions

BURLEY DIVISION - STRIPPED

- | | |
|----------|--------|
| 5 | Flying |
| 6 | Lug |
| 7 | Leaf |
| 8 | Tip |

BURLEY DIVISION – BEST CROP

- | | |
|-----------|--------------------------|
| 15 | Best Crop, 4-H, 4 grades |
|-----------|--------------------------|

Entries shall be on an individual basis and must be produced by the exhibitor. Only one entry per individual is permitted and an entry shall consist of four grades: Flying, Lugs, Leaf and Tips. Each grade shall consist of two hands of 20 leaves each and samples entered in Classes 6 through 10 shall not be considered for this class.

4-H CLASS GREEN TOBACCO (BY STICKS)

- | | |
|-----------|---|
| 36 | Burley |
| 39 | Best potted growing plant of Burley Tobacco |

Trends

RULES AND GUIDELINES

1. A member is limited to one entry per class.
2. All photography classes with one photograph must be mounted on 10”x 16” MAT BOARD-available by request at the Shelby County Extension Office (no poster board or foam core board accepted). Single photographs are limited to up to a maximum size of 8”x 12”.
3. Each picture must be mounted securely. Rubber cement or dry mounting tissue is recommended. Do not use photo mounting corners.
4. Junior division includes ages 9-13
Senior division includes ages 14-18

Class Divisions

UPCYCLING PROJECT

Upcycling is taking something that you are throwing away and making it into something that maintains or improves the quality of the materials.

Example: There are coin purses made from sweaters, earrings cut out of vinyl records and an old travel case made into a clock. The designs will be judged on quality, use, and creativity.

1050 Junior Upcycling Project

1051 Senior Upcycling Project

CAKE/CUPCAKE DECORATING

1. Entry consists of a decorated (Styrofoam) cake.
2. Styrofoam MUST be the base for the decorating. Real cakes will NOT be accepted.
3. Judging is based on decoration only not taste.
4. Exhibit is not limited to a color or design.
5. Refrigeration will NOT be provided.
6. Exhibit must be limited in size to no taller than 24" and no more than ½ sheet board.

1060 Junior 4-H Cake Decorating (Cake must include the 4-H Clover either in design or decoration)

1061 Senior 4-H Cake Decorating (Cake must include the 4-H Clover either in design or decoration)

1062 Junior General Cake Decorating

1063 Senior General Cake Decorating

1070 Junior 4-H Cup Cake Decorating

1071 Senior 4-H Cup Cake Decorating

1072 Junior General 4-H Cup Cake Decorating

1073 Senior General Cup Cake Decorating

Wood Science

RULES AND GUIDELINES

1. An exhibitor is limited to one entry per class.
2. Reference materials include the Kentucky 4-H Woodworking Program Youth Projects Guides and the National 4-H Woodworking Wonders Youth Activity Guides.

Class Divisions

LEVEL 1

674 Level 1, made from a kit: Simple items which have pre-cut and pre-drilled parts and youth demonstrate knowledge of assembly, selection and use of fasteners (nails, screws and/or glue), sanding techniques, and appropriate finishes. (Examples could include but not limited to: small bird house, non-hopper bird feeder, etc.) Item must demonstrate skill with fasteners, sanding and appropriate finish (no puzzles).

675 Level 1, NOT from a kit: Simple constructed wood item showing knowledge of hand tools, wood selection, cutting, drilling, usage of fasteners (nails, screws and/or glue), sanding techniques, and appropriate finishes. (Examples could include but not limited to: napkin holder, letter holder, simple picture frame, wire wiggly, towel holder, serving tray, jewelry box, small flag holder, 4-H book ends, airplane, hurricane lamp, trivet (pot holder), etc.)

LEVEL 2

676 Level 2, made from a kit: More elaborate items which require proper cutting, drilling and youth demonstrate knowledge of selection and skill in use of fasteners (nails, screws and/or glue), sanding techniques, and appropriate finishes. (Examples could include but not limited to: jewelry box, tool tray, large bird house, pine wood cars, etc.) Item must demonstrate skill with fasteners, sanding and appropriate finish (no puzzles).

677 Level 2, NOT from a kit: More elaborate items that demonstrate mastered skills with hand tools, basic knowledge of power hand tools, fastening options, appropriate surface preparations, and finish applications. (Examples could include but not limited to: puzzle, foot stool, revolving tie rack, 4-H key holder, cutting board, book rack, serving dish shelf, sawhorse, hopper type bird feeder, etc.)

LEVEL 3

678 Level 3, NOT from a kit: Items showing a more advanced knowledge of power tools, expertise in cutting, fitting, surface preparation, attention to fastening details, and finish application, (Examples could include but not limited to: a multi- purpose box, corner shelf, book shelf or laminated wood projects, garden bench, planting box, nail and tool box, shop tool rack & shelf, etc.) Original designs are welcomed. This exhibit is to be made up of two parts: 1) the item and 2) a folder containing photographic documentation of the steps taken in order to complete this exhibit.

LEVEL 4

679 Level 4, NO kits. Exhibits with a "furniture" quality finish, showing an understanding of all woodworking techniques learned in previous levels. Items must show a mastery of joint construction and use of special woods, and finishes. (Examples could include but not limited to: checker boardroom divider, coffee table, end table, chest of drawers, gun rack or cabinet, etc.) Original designs are welcomed. This exhibit is to be made up of two parts: 1) the item and 2) a folder containing photographic documentation of the steps taken in order to complete this exhibit.

680 Level 4, NO kits: Exhibits do not require a fine finish (painted finish allowable) because of practical use. Items demonstrate knowledge of all woodworking techniques learned in previous levels. Items must show a mastery of cutting, drilling, joint construction, use of special woods, and appropriate finishes. (Examples could include but not limited to: porch swing, chaise lounge, picnic table, lawn chair, large planters, etc.) This exhibit is to be made up of two parts: 1) the item and 2) a folder containing photographic documentation of the steps taken in order to complete this exhibit.

Cloverbuds

Rules Governing 4-H Cloverbud Department

1. Contestants must be bonafide 4-H Cloverbud Club member under the direction of the Shelby County Extension Staff who has passed his/her fifth birthday as of January 1 of the current year, but has not passed his/her 9th birthday as of January 1 of the current year. 4-H Enrollment forms must be completed and on file at the Extension Office.
2. All products must be grown or made by exhibitor.
3. No exhibitor can make more than one entry in each class.
4. Exhibits not picked up from Floral Hall by 1 p.m. Friday will be taken to the Extension Office.
5. Exhibits may be made only in the project units that are currently being carried by the 4-H members.
6. Items must meet the requirements specified in the class descriptions; otherwise the entry may be disqualified.
7. Items entered in classes must have been completed by the exhibitor within the current program year.
8. Premium money will not be given for Cloverbud Class entries.

Arts & Crafts

Class Divisions

- CB1** Drawing – a drawing using pencil, inkpen, crayon, chalk, pastels, or markers.
- CB2** Painting – a painting using water color, finger paint or acrylic.
- CB3** Miscellaneous - a picture that does not fall into the painting or drawing category.

Examples are: spatter work, airbrush, batik, cut paper, hand drawn or painted collage, silkscreen, calligraphy, etc.

Forestry

Class Divisions

- CB4** Leaf Print
Using an 8.5x11 piece of paper making a leaf rubbing. In the bottom right hand corner of the paper write down the type of tree the leaf came from.

Horticulture

GARDEN DISPLAYS

Cloverbud's may exhibit plates of vegetables. A white paper plate for vegetables must be supplied by the exhibitor. These vegetables will not be returned to the exhibitor. Classes of vegetables will be limited to:

- CB5** Tomato (5 per plate) Must be ripe (red or yellow color only) cherry type
CB6 Tomato (5 per plate) beef steak
CB7 Tomato (5 per plate) heirloom
CB8 Peppers, hot (5 per plate)
CB9 Peppers – bell (5 per plate)
CB10 Peppers – sweet (5 per plate)
CB11 Cucumbers, slicing (5 per plate)
CB12 Cucumbers, pickling (5 per plate)
CB13 Beans, snap or lima (12 per plate)
CB14 Corn, sweet (in the husk with silks) (5 ears per plate)
CB15 Cantaloupe (1 whole)
CB16 Squash, summer (3 per plate)
CB17 Eggplant (3 per plate)
CB18 Potato (5 per plate)
CB19 Beets (5)
CB20 Cabbage (1 Head)
CB21 Carrots (5)
CB22 Onions-green (5)
CB23 Peas (12 pods)
CB24 Radishes (5)
CB25 Turnip (3)

- CB26** Apples (5)
CB27 Peaches (5)
CB28 Strawberries (12)
CB29 Blueberries (12)

They will be judged as follows:

Condition	25%
Quality	20%
Uniformity	20%
True-To Type	20%
Size	15%

Consult Exhibiting and Judging Vegetables (4BC-08PO) to learn the characteristics of these criteria.

The largest vegetable may not be the highest quality, nevertheless, it is unique. The largest entry in each of the following classes will receive a class champion ribbon.

- CB30** Largest Tomato (by weight) Must be ripe (red or yellow color only)
CB31 Largest Pumpkin (by weight)
CB32 Largest Watermelon (by weight)

Lego Project

CB33 Create an item such as a fictional character, a building, or vehicle OR a lego scene that is no larger than 22"X28". Cloverbuds may use lego-style or duplo-style size blocks. It may be an original design or a kit. The lego blocks should not be altered by cutting, painting, gluing etc.

All Lego exhibits must be on a solid base to protect them. Bases may be made of plywood, foam board, very thick cardboard or other similar material. Lego base plates typically do not provide enough support. You may use items such as zip ties, fishing line, or poster tack to secure your creation to the solid base. Blocks do not have to be Lego brand, but should be Lego style.

4-H Flyer

CB34 More people need to know about the awesome opportunities available through 4-H. If someone asked you about 4-H, what would you tell them? Well, now's your chance to tell lots of people just by creating a flyer. Use your creativity and make a flyer that tells people what all is available in 4-H.

Flyer must be on an 8.5x11 piece of paper.