

# 2019 Marshall County A&I Fair

## 4-H DIVISION

**Directors**  
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### **General Rules**

1. Open classes are open to all exhibitors unless otherwise specified. The General Youth Category is open to all Marshall County youth under 18 years of age. Only enrolled 2018-19, Marshall County 4-H members (ages 9-18) may submit items in classes specified as 4-H.
2. Entries made in 4-H classes must have been produced in conjunction with an approved project sponsored by 4-H.
3. **All exhibits must be received by the committee from 9:00am to 12:00noon on Monday, July 15th at the Marshall County Extension Office (1933 Mayfield Hwy).**
4. All articles must be complete. Each unit must follow project guidelines. **Each article should have been completed since the July 2018 Marshall County A&I Fair.**
5. Exhibitors may enter one exhibit per category.
6. Entries will be removed through committee members only. Exhibits and premium monies will be collected between 9:00am and 11:00am on Wednesday, July 18<sup>th</sup> at the Marshall County Extension Office. The committee will not be responsible for any articles left after this time.
7. Premium money will be awarded on the Danish System - entries will receive ribbons based on quality, and premiums associated with ribbons will be as follows – For 4-H: Blue - \$5.00; Red - \$4.00; and White – \$3.00. For General Youth: \$3.00; \$2.00; \$1.00. No additional premiums are awarded for class and grand champions. The General Youth Category in the Clover Bud ages 8 and under will only receive a participation ribbon and \$1.00 premium per exhibit.
8. Decision of the judges is final.
9. This department will take all reasonable care of entries, but is not responsible for loss or damage of entries.
10. Social Security numbers must be submitted for exhibitors who are 9-18 years old as of January 1, 2019 and entering a 4-H category in order to qualify any class champion exhibits for State Fair entry.

### **General Youth Exhibits**

1. All Marshall County youth under age 18 may compete in this category.
2. Articles must be made by youth between July, 2018 and present.
3. Decision of the judges is final.
4. This department is not responsible for any loss or breakage.
5. An exhibitor may only enter one item in each General Youth category.

### **Clover Bud - 8 and Under**

GY1 – Ceramic Stained, Glazed & Original Design  
GY2 – Pottery  
GY3 – General Craft  
GY4 – Bible School Craft  
GY5 – Model car, plane, etc.  
GY6 – Holiday craft  
GY7 – Woodwork  
GY8 – Bead Craft  
GY9 – Scrapbook Page (Any family friendly subject.)  
GY10 – Painting (Any family friendly subject.)  
GY11 – Black & White Drawing (Any family friendly subject.)  
GY12 – Color Drawing (Any family friendly subject.)  
GY13 – Entomology  
GY14 – Foods  
GY15 – Food Preservation  
GY16 – Forestry  
GY17 – Geology  
GY18 – Home Environment  
GY19 – Horticulture/Plants  
GY20 – Needlework (Knitting, Crochet, Needlepoint, & Quilting)  
GY21 – Photography  
GY22 – Clothing/Sewing  
GYAC – Paper Craft

GYBC – Jewelry  
GYCC – Upcycle  
GYDC – Duct Tape  
GYEC – Weaving

### **Junior - 9 – 13 Year Olds**

GY23 – Pottery  
GY24 – General Craft  
GY25 – Bible School Craft  
GY26 – Model car, plane, etc.  
GY27 – Holiday craft  
GY28 – Woodwork  
GY29 – Bead Craft  
GY30 – Scrapbook Page (Any family friendly subject.)  
GY31 – Painting (Any family friendly subject.)  
GY32 – Black & White Drawing (Any family friendly subject.)  
GY33 – Color Drawing (Any family friendly subject.)  
GY34 – Entomology  
GY35 – Foods  
GY36 – Food Preservation  
GY37 – Forestry  
GY38 – Geology  
GY39 – Home Environment  
GY40 – Horticulture/Plants  
GY41 – Needlework (Knitting, Crochet, Needlepoint, & Quilting)  
GY42 – Photography  
GY43 – Clothing/Sewing  
GYAJ – Paper Craft  
GYBJ – Jewelry  
GYCJ – Upcycle  
GYDJ – Duct Tape  
GYEJ – Weaving  
GYFJ – Ceramic Stained, Glazed & Original Design

### **Senior – 14-18 Year Olds**

GY44 – Pottery  
GY45 – General Craft  
GY46 – Bible School Craft  
GY47 – Model car, plane, etc.  
GY48 – Holiday craft  
GY49 – Woodwork  
GY50 – Bead Craft  
GY51 – Scrapbook Page (Any family friendly subject.)  
GY52 – Painting (Any family friendly subject.)  
GY53 – Black & White Drawing (Any family friendly subject.)  
GY54 – Color Drawing (Any family friendly subject.)  
GY55 – Entomology  
GY56 – Foods  
GY57 – Food Preservation  
GY58 – Forestry  
GY59 – Geology  
GY60 – Home Environment  
GY61 – Horticulture/Plants  
GY62 – Needlework (Knitting, Crochet, Needlepoint, & Quilting)  
GY63 – Photography  
GY64 – Clothing/Sewing  
GYAS – Paper Craft  
GYBS – Jewelry  
GYCS – Upcycle  
GYDS – Duct Tape  
GYES – Weaving  
GYFS – Ceramic Stained, Glazed & Original Design

### **4-H Project Books**

1. A complete project book consists of a project story, the project record, and any other applicable blank spaces filled in.
  2. The project story should be one to two pages and tell about what you did in the project. It may answer the following questions: What did you enjoy most? The least? What are some things you learned? How could you have improved your project? How will doing this project help you in the future?
  3. Each project book and each unit in a project series is its own category (e.g., foods v. geology).
- Call 270-527-3285 for details on how to order one from 4-H Mall.

## **4-H Arts & Crafts – Division 6029**

1. See General Rules applying to all 4-H exhibitors and general rules applying to 4-H exhibits listed previously in this catalog.
  2. All classes are from Portfolio Pathways (Section A) and Sketchbook Crossroads (Section B) 4-H Core Curriculum except for Trends and Heritage Crafts.
  3. Junior: Any member age 9-13. Senior: Any member age 14 -19.
  4. Seniors must submit an artist statement. Please write a paragraph minimum about your piece of art.
- Please include the following information typed and attached to your piece of art.
- Name
  - Class
  - Title of Work
  - Medium (What is it made of?)
  - Explanation of where you got your inspiration or ideas from in creating this work
  - Explanation of elements and principles of design that pertain to your work
  - What kind of message were you trying to communicate to the viewer (mood, feeling, emotion, etc.)?
  - How does this represent you as an artist?
5. A county is limited to one entry per class.
- Each Exhibitor may enter only two (2) classes per sections A, B and C per year.
6. All items must have been made since the last State Fair.
  7. Tags (4LO-11SO) must be attached to the lower right front corner of paintings, drawings, etc. For other exhibits, neatly secure the ID card where it can be seen by the public with tape, or punch a hole in the corner of the tag and attach with string or rubber band. For items with more than one piece, a description on the back of the ID card is suggested with number of pieces, color, etc. In addition, label each item in an inconspicuous location; include a minimum of name and county (clothing label 4LO-12SO may be utilized).
  8. Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified.
  9. Appropriate hangers for project work is any hardware permanently attached to the project that can be displayed on a metal grid work walls via metal S hook, binder clip, or zip tie. \*\*\*NOTE: mat board can be displayed utilizing binder clips while stretched canvas can be displayed with S hooks.
  10. Subject matter is not “family friendly” in context.
  11. Small items, which are easily separated or destroyed, may be placed in small plastic bags. For items with more than one piece, a description on the back of the ID card is suggested with number of pieces, color, description, etc. In addition, label each piece in an inconspicuous location include a minimum of name and county (the clothing label can be utilized [4LO-12SO]).
  12. Reserve and Grand Champion will be selected from class champions in both the junior and senior categories.

### **SECTION A: Portfolio Pathways**

#### **Painting**

727a. Junior Acrylic Still Life: (pg.12) Using acrylic paint to create a Still Life.

727b. Senior Acrylic Still Life: (pg.12) same as Junior.

728a. Junior Water Color: (pg.14) Using watercolors and a variety of techniques to complete a painting on watercolor paper.

728b. Senior Water Color: (pg. 14) same as Junior.

729a. Junior Abstract: (pg.18) Using acrylic paints experiment with abstract designs to complete a painting.

729b. Senior Abstract: (pg. 18) same as Junior

730a. Junior Sand Painting: (pg.20) On an 8”x10” x1/4” sanded plywood or particle board. Explore painting with colored sand mixed with glue.

730b. Senior Sand Painting: (pg.20) same as Junior.

731a. Junior Self Portrait: (pg.22) Using acrylic or watercolor paints. Complete a self- portrait using any drawing or painting technique.

731b. Senior Self Portrait: (pg. 22) same as Junior.

732a. Junior Human Action: (pg.24) Using acrylic or watercolor paints, capture human action through the use of vivid colors, lines, and texture when painting.

732b. Senior Human Action: (pg.24) same as Junior.

733a. Junior Oil Painting: (pg.26) Using oils on canvas or canvas board. Experiment with different techniques of laying oil to canvas to create a finished painting.

733b. Senior Oil Painting: (pg.26) same as Junior.

734a. Junior Oil Landscape: (pg.30) On a 16”x18” stretched and primed canvas, canvas board or sheet of Masonite coated in gesso. Lay out a one – point landscape perspective drawing and use oil paints to show atmosphere and distance.

734b. Senior Oil Landscape: (pg.30) same as Junior.

#### **Printing**

735a. Junior Intaglio Collagraph Print: (pg.38) On 8 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: (pg.40) 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: (pg. 42) 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: (pg.44) Create intricate designs for printing using a wax resist method.

738b. Senior Wax Resist Print: same as Junior.

739a. Junior Tire Stamp Print: (pg.46) 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: (pg.48) Create linoleum print using linoleum block on paper.

740b. Senior Linoleum Print: same as Junior

741a. Junior Hand Drawn Negative Photograph: (pg.51) You will draw a negative on frosted acetate, then print onto photographic paper (8”x10” in.) as a positive, using a photographic process.

741b. Senior Hand Drawn Negative Photograph: same as Junior.

#### **Graphic Design**

743a. Junior 5 Color Design: (pg.62-63) Create (2) two 8”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: (pg.70) Explore the use of computer tools and techniques to doodle, draw and replicate images. Print out each design showing the use of various tools.

744b. Senior Computer Drawing: same as Junior.

## **Section B: Sketchbook Crossroads**

### **Drawing**

745a. Junior Contour Drawing: (pg.12) Draw objects using the contour drawing method. Do 2-3 drawings of the same object from different angles.

745b. Senior Contour Drawing: same as Junior

746a. Junior Two Point Perspective: (pg. 16) On sketch paper, draw a two point perspective that has a point at each end of a horizontal segment.

746b. Senior Two Point Perspective: same as Junior.

747a. Junior Circular Shape Object: (pg.18) Draw a subject to fit a circular shape.

747b. Senior Circular Shape Object: same as Junior.

748a. Junior Color Pencil: (pg.20) Draw with colored pencils and use turpenoid to blend the colors.

748b. Senior Color Pencil: same as Junior.

749a. Junior Pen and Ink: (pg.22) Sketch animals or other objects using pen and ink.

749b. Senior Pen and Ink: same as Junior

750a. Junior Calligraphy: (pg. 24) 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: (pg.27) 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: (pg31) 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: (pg. 34) 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: (pg.37) 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: (pg.40) 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: (pg.44) 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 Container: (pg.55) Create a functional container from lay either self-hardening or firing required.

757b. Senior Clay Container: same as Junior.

758a. Junior Clay Bust: (pg.57) Sculpt a head with facial features out of clay.

758b. Senior Clay Bust: same as Junior

759a. Junior Mask: (pg.61) Create a mask using clay emphasizing unique form and texture to portray feelings.

759b. Senior Mask: same as Junior.

760a. Junior Cardboard Sculpture: (pg.65) 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: (pg.67) Using wire and nylon cloth create a freestanding flower sculpture.

761b. Senior Flower Wire Sculpture: same as Junior.

762a. Junior Plaster of Paris Carving: (pg.69) 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 will be highlighting the latest trends in art while honoring our heritage. Art trends will be selected every two years. Heritage arts will have specific areas as well as an "Other" category where youth may choose what they exhibit. Documentation for the Heritage Arts Classes is REQUIRED. If required documentation is not attached the item will be disqualified. You may enter two entries per year in this section.

### **Trends**

763a. Junior Art Trends –Mixed Media Canvas. Mixed media is defined employing more than one medium. Examples include decoupage and paint; pencil and water colors; fabric, paint and paper. Canvas size is open to artist.

763b. Senior Art Trends—Mixed Media Canvas: Same as above.

### **Traditions**

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.

## Heritage Arts

According to various sources, heritage can refer to practices or characteristics that are passed down through the years, from one generation to the next. Kentucky 4-H believes in celebrating one's heritage through recognition of art that may be representative of one's culture. Examples may be baskets, brooms, etc. To successfully enter Heritage Arts the 4-H'er must create the Heritage Art piece after State Fair of the previous year, complete the following description and visibly attach it to the piece.

### Type/Title of Piece:

### Origin:

### Materials Used:

### Setting Where the

### Piece was

### Created:

### Name:

### Age:

### County:

### Class:

Below is an overview and a check-list of what information is to be included in your artist's statement. **All seniors must complete an artist statement.**

### Artist Statement

\_\_\_\_\_ An introductory paragraph that is interesting and makes the reader want to find out more about you in the paragraphs that follow

\_\_\_\_\_ Contains information about your selected piece on the web-site

\_\_\_\_\_ Title of the work? (What is the work called?)

\_\_\_\_\_ Medium? (Material it is made out of)

\_\_\_\_\_ Dimensions of the work? (in inches)

\_\_\_\_\_ Explanation of why the artist chose to represent this piece

\_\_\_\_\_ Contains information on your vision and ideas

\_\_\_\_\_ Explanation of where you got your inspiration or ideas from in creating the work

\_\_\_\_\_ An explanation of how you incorporated these ideas into your finished work

\_\_\_\_\_ Use of appropriate and correct terminology pertaining to the work chosen

\_\_\_\_\_ Explanation of each of the elements and principles of art that pertain to your work

### ELEMENTS:

\_\_\_\_\_ line

\_\_\_\_\_ color

\_\_\_\_\_ shape

\_\_\_\_\_ value

\_\_\_\_\_ space

\_\_\_\_\_ form

\_\_\_\_\_ texture

### PRINCIPLES:

\_\_\_\_\_ balance

\_\_\_\_\_ emphasis

\_\_\_\_\_ movement

\_\_\_\_\_ harmony/unity

\_\_\_\_\_ pattern

\_\_\_\_\_ rhythm

\_\_\_\_\_ proportion

\_\_\_\_\_ variety

\_\_\_\_\_ Artist states what kind of message they were trying to communicate to the viewer (mood, feeling, emotions, etc.)

\_\_\_\_\_ Explanation of why the artist enjoyed working on this piece the most

\_\_\_\_\_ Amount of time spent working on the piece

\_\_\_\_\_ Explanation of what makes this a successful work of

## 4-H Consumer & Financial Ed – Division 6040

### 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 following classes can be found in the 4-H Consumer Savvy project manuals—The Consumer in Me, Consumer Wise, and Consumer Roadmap.

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

### Level 1 (Grades 4-5): The Consumer in Me

**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 2(Grades 6-8): Consumer Wise

**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 narrative, list the sources of information you used in researching our 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 3 (Grades 9-12):Consumer Roadmap

**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 pp. 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 true costs of living on your own as outlined in the 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.

## **4-H Electric – Division 6021**

1. See General Rules applying to all 4-H exhibitors and general rules applying to all 4-H exhibits other than livestock.
2. 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.
3. One exhibit per county per class. Exhibitor is limited to one entry per division.
4. All exhibits requiring bulbs must have the correct size.
5. Use of molded plug-ins is not prohibited but discouraged.
6. Any electric project observed or judged to be unsafe or potentially harmful to the public or surrounds will be disqualified immediately.
7. Effective strain relief should be provided for all wire to terminal connections. Knots, clamps, connectors, or staples are acceptable when used appropriately.
8. A class champion will be selected for each individual class and one Grand and one Reserve Champion rosette selected from the entire exhibit.
9. 4-H electric exhibits will be divided into the following classes:

### **MAGIC OF ELECTRICITY (4HCCS BU-06848) (All exhibits must be DC powered).**

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-06849) (all exhibits must be DC powered)**

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-06850) (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**

658 – Wind or solar powered energy project (from kit).

659 – Wind or solar powered energy project (original design).

## **4-H Entomology & Honey – Division 6026**

An exhibitor may enter only one class in Entomology and no more than two entries in Honey (one extracted, one chunk).

### **Entomology**

687A – First year project (up to three 9" x 13" official cardboard boxes, or up to two 18" x 24" wooden boxes, with minimum of 25 insects, maximum 50 insects, from at least four orders. Identification beyond order not necessary. All specimens must have date and locality label.)

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: "lastname-county-#.jpg," where "#" indicates the number of the image inside the folder. Example filename: Doe-Fayette-1.jpg

d. Each image will include a 400X225 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, 10pt, black, non-bold.

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

[4-Her's Name, County, Lot Number, Class Number, Entry 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.6028

688- Second year project (Up to three 9” x 13” official cardboard boxes, or up to two 18” x 24” wooden boxes, with minimum of eight orders and not 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).Specifications for exhibits are the same as for 687A except:

- 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. 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 (if applicable)]

[Brief description of life stage, behavior, or adaptation]

- Second year entomology photography exhibits are judged on the following categories: Identification, description of life stage, behavior, or adaptation, Labels, Quality of Photographs. Check with county 4-H Agent for point distribution on score sheet.

- Identification to order is necessary for any nymphs, larvae, pupae, and adult insects in the project; common name identification is necessary for at least one-half of adult insects in the project.

- No images from the first-year insect photography may be reused for this project.

689- Third year project (Three 9” X 13” official cardboard boxes, or two “18 X 24” wooden boxes, with a minimum of 10 orders and 100 insects, a maximum of 150 insects).

690- Fourth year project (Three 9” x 13” official cardboard boxes, or two 18” x 24” wooden boxes, with minimum of 12 orders and 150 insects, no maximum) An addition cardboard or wooden box with an example of insect damage, the stage of the insect causing the damage and any other stage of the insect that helps identify the problem. Include information in the display that tells how the insect is controlled. Life cycle of two insects may be displayed if desired.

691- Fifth year project (may be repeated for successive years of eligibility but must be a different exhibit. No exhibit that has been judged in any previous State Fair may be entered.) Any type of display that pertains to experiences beyond those of previous projects. Special collections of native and/or exotic butterflies, beetles 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.

### Honey

Honey will show better in oval, flat sided to square clear glass containers. 4-H’ers must use standard honey jars. Wide-mouth mason jars or wide-mouth honey jars may be used. The jars and lids must be clean. Fill jars to within ½ inch of top. Note: Two jars must be submitted for the following classes:

- 692 - Two one pound Queenline or Classic jars of white extracted honey
- 693 - Two one pound Queenline or Classic of light amber extracted honey
- 694 - Two one pound Queenline or Classic of amber extracted honey

- 695 - Two one pound Queenline or Classic 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.

A Grand Champion and Reserve Champion will be selected for Entomology Division and also for Honey Division.

## 4-H Foods – Division 6035

1. 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* at <http://4-h.ca.uky.edu/content/food-and-nutrition>, in the *4-H Cooking 101-401 Series* or contact your county 4-H Extension agent.
2. Place the baked product on a disposable plate. The plate can be placed inside a re-closable bag to keep the product fresh and from being damaged. To prevent damage, cakes should be transported in cardboard boxes. Containers, pie pans, etc. will not be returned.
3. 4-Hers may enter up to 3 classes in the Foods Division.

### **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 recipe in the *4-H Fair Recipe Book-Food* (address above).

### **Quick Breads**

- 845 Three **Cornmeal Muffins**: Use the recipe in the *4-H Fair Recipe Book-Food* (address above).
- 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 pg. 88*

### **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* at <http://4-h.ca.uky.edu/content/food-and-nutrition>. 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* at <http://4-h.ca.uky.edu/content/food-and-nutrition>. May be a 1 lb., 1 ½ lb. or 2 lb.loaf.

### **Candy**

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

## **4-H Food Preservation – Division 6036**

1. Each exhibitor may enter only one class.
2. Labeling:  
All entries: Will have 2 labels. Attach both securely to the outside of the container.
  - i. Identification card (4LO-11SO): The State Fair Entry system will generate this label.
  - ii. Preserved food label: Use the 4-H labels located at the end of this section. Fill out the label completely.
3. Recipes: Entries are to be made using recipes found in the *4-H Fair Recipe Book-Food Preservation* at <http://4-h.ca.uky.edu/content/food-and-nutrition> or contact your county Extension agent for 4-H YD.
4. Helpful information for the following classes can be found on the National Center for Home Food Preservation website.
5. Food preservation jars must be clear, clean STANDARD jars specifically designed for home canning. Mayo or similar non-standard jars will not be judged or awarded a premium.
6. Two-piece screw bands and lids specifically designed for home canning should be left on containers until entered at the fair. Judges will remove screw bands and open the jar for judging purposes.  
Do NOT eat contents of containers upon return.
7. Helpful information for the following classes can be found on the National Center for Home Food Preservation. Jars not processed by the correct methods will be disqualified. Open kettle processing is not acceptable for any product.
8. All food preservation entries must be prepared with raw products. Re-canning of commercially processed foods will be disqualified.
9. Proper 4-H food labels available on request.
10. If Judges open the jar for judging purposes do NOT eat contents of containers upon return.

**Class Descriptions:** 4-H food Preservation entries will be divided into the following levels and classes:

861 **Dried Apples:** Dry apples according to the instructions in the *4-H Fair Recipe Book-Food Preservation* at <http://4-h.ca.uky.edu/content/food-and-nutrition>. 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. Publication HE 3-501 may be helpful: <http://www2.ca.uky.edu/agc/pubs/FCS3/FCS3501/FCS3501.pdf>

862 **Salsa:** (pint jar or smaller) canned using a boiling water canner. Use the recipe in the *4-H Fair Recipe Book-Food Preservation* at <http://4-h.ca.uky.edu/content/food-and-nutrition>. The USDA recommended headspace for salsa is ½ inch. Canning label must be completed by member and affixed to the jar. Publication Home Canning Salsa (FCS3-581) at <http://www2.ca.uky.edu/agc/pubs/FCS3/FCS3581/FCS3581.pdf>, Home Canning Tomatoes and Tomato Products (FCS3-580) at <http://www2.ca.uky.edu/agc/pubs/FCS3/FCS3580/FCS3580.pdf> and USDA Complete Guide to Home Canning: [http://nchfp.uga.edu/publications/publications\\_usda.html](http://nchfp.uga.edu/publications/publications_usda.html) may be helpful.

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* (address above). The USDA recommended headspace for pickles: ½ inch. Canning label must be completed by member and affixed to the jar. Publications Home Canning Pickled and Fermented Foods (FCS3-582) at <http://www2.ca.uky.edu/agc/pubs/FCS3/FCS3582/FCS3582.pdf> and USDA Complete Guide to Home Canning: [http://nchfp.uga.edu/publications/publications\\_usda.html](http://nchfp.uga.edu/publications/publications_usda.html) may be helpful.

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* (address above). The USDA recommended headspace for jam is ¼ inch. Canning label must be completed by member and affixed to the jar. Write the type of fruit used on the canning label. Publications FCS3-579 at <http://www2.ca.uky.edu/agc/pubs/FCS3/FCS3579/FCS3579.pdf> and USDA Complete Guide to Home Canning [http://nchfp.uga.edu/publications/publications\\_usda.html](http://nchfp.uga.edu/publications/publications_usda.html) may be helpful. 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* (address above). 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 member and affixed to the jar. Publication FCS3-583 Home Canning Vegetables at <http://www2.ca.uky.edu/agc/pubs/FCS3/FCS3583/FCS3583.pdf> and USDA Complete Guide to Home Canning [http://nchfp.uga.edu/publications/publications\\_usda.html](http://nchfp.uga.edu/publications/publications_usda.html) may be helpful.

## **4-H Forestry – Division 6027**

1. See respective project books for mounting and display rules.
2. Exhibitors are not to exceed the number of specimens listed for each class. If exhibit contains less than the correct number, it will be disqualified.
3. Only one entry per 4-H member permitted in the Forestry Division.
4. Contact Extension Office (527-3285) for 4-H Forestry project book and 3<sup>rd</sup> year & over information.

### **First Year**

703 - **Leaf Collections** – Collection of 10 leaves representing 10 forest trees found in Kentucky. Mounting instructions in the forestry book *4-H Forestry Project Unit 1 – Introducing Yourself to Trees, Activity #1* are to be followed.

704 - **Leaf Print Collection** - Collect and print 10 leaves from 10 Kentucky forest trees. (Activity #3 to be followed).

### **Second Year**

705 - **Leaf Collection** -20 leaves representing 20 Kentucky forest. Mounting instructions in the forestry book, “4-H Forestry Project Unit 1-Introducing Yourself to Trees” (**4DF-01PA or most recent version**) Activity #1 to be followed.

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

### **Third Year and Over**

#### **707 - Educational Exhibit**

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

#### **708 - Stem, Leaf, Fruit display**

Collect and mount 5 stems, leaves and fruit representing 5 forest trees found in Kentucky. **Follow closely the instructions in the forestry book**, “4-H Forestry Project Unit 1 - Introducing Yourself to Trees” (**4DF-01PA or most recent version**) Activity #2 is to be followed, including the 2’ x 3’ *exact* size.

#### **709- Leaf Collection 3<sup>rd</sup>- Year**

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

## **4-H Geology – Division 6028**

Call the Extension Office at 527-3285 for details and class descriptions.

## **4-H Home Environment – Division 6039**

1. Each entry requiring documentation must be provided by the 4-Her.
2. A member may enter up to two classes within one of the Units 1 - Advanced and one class in Changing Spaces in the Home Environment Division.
3. Wall hangings and bulletin boards must be ready to hang with appropriate hardware attached.
4. Refinished item refers to any item already in use which has been given a new finish using paint or some type of seal.

Call the Extension Office at 270-527-3285 for further details and more class descriptions.

### Unit I: Exploring Your Home project book

887 – **Color Collage** (pp. 7-8, 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** (pp. 8-9, see activities 1 or 2) A collection of textured items or rubbings or textured items artistically arranged and adhered to mat board or foam core board.

889 – **Transparent finish applied to small wood object.** (pp. 13-14) 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** – (pp. 10-12) decorated by member

892 – **Bulletin board** (if it is to be hung on a wall, it must be ready to hang with appropriate hardware attached)

### Unit II: Living with Others - project book

893 – **Decorative item for the home and 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.

894 – **Simple wood item refinished** by 4-Her. (pp. 14-15) 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 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: refinish a footstool, children's furniture, small box, tray, picture frame, bookshelves, and plant stand.

895 – **Cloth item for the home created using a sewing machine** (Unit II, p. 12-14. 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 exhibits are purses, tote bags, backpacks, duffle bags.

896 – **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. (p. 6-7) 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. 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).

### Unit III: Where I Live- project book

897 – **Accessory for the home created by the 4-Her.** 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: 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. (e.g., 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).

898 – **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. (pp. 11-13) 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.

899 – **Piece of furniture refinished** (stripped, sanded, and painted or stained/sealed by the 4-Her) (pp.16-20). This exhibit is to be made up of two parts: 1) the furniture and 2) a "before" picture securely attached. Examples: rocker, table, chair, or chest.

900 – **Old or discarded item made useful in a new way as a home accessory.** (p. 20) 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. 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 EXHIBITS from In My Home-project book

901- **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.

902 - **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.

903 - **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.

904- **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 C:\Users\kladams\Desktop\2018 State Fair\clean\6039 A Home Envir Div Description Clean.doc 4 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 & Changing Spaces

Call the Extension Office at 270-527-3285 for more information on the self-directed project and for the changing spaces project for the room, house floor plans and presentation board entries.

## 4-H Horticulture & Plant Science – Div. 6015

1. All plants exhibited **MUST** have been grown by the 4-Her for at least six 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.
2. Exhibitors entered with pesticide residue will be disqualified.
3. Care will be provided for all plants, but plants are entered at the risk of the exhibitor
4. All fruits and vegetables must be clean and displayed on paper plates provided by exhibitors. Entries should be fresh with the label on top of the exhibit. Do not stick toothpicks in produce.
5. **Youth should NOT use garden soil in containers. Use well-drained, disease-free potting soil for all containers.**



Call the Extension Office at 270-527-3285 for further information and class descriptions.

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

- 561 – Environmental Awareness
- 562 – Production and Marketing
- 563 – Experimental Horticulture
- 564 – Horticultural Project Exhibits
- 565 – Terrariums
- 566 – Dish gardens (desert or tropical)
- 567 – Vegetable container gardens (grown in container - not dug out of garden)
- 568 – Annual container gardens – (non vegetable)
- 569 – House plants
- 570 – Hanging baskets
- 571 – Herb Container Garden
- 572 – Window Box Display
- 573 – Upcycle Container Garden (Previously used container recycled, ex. wood pallet garden)

#### Garden or Orchard Displays

Due to items perishing during the exhibit timeframe, vegetables and fruits will be disposed, if showing signs of rotting. These exhibits are not taken onto the Kentucky State Fair due to perishing.

574 – Garden or orchard display, 5 or more different fruits and/or vegetables. The exhibit must be in a display container (box or basket) which can be easily moved and fit in a 2' x 3' area.

4-Hers may also exhibit plates of vegetables. A white paper plate for vegetables must be supplied by the exhibitor. Please submit five of the same type of vegetable (e.g., 5 bell peppers v. 3 bell peppers & 2 banana peppers).

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 per plate)

585 – Cantaloupe (1 whole), halved

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%

The largest vegetable 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)

### 4-H Crops Project – Division 6018

Call Extension Office at 270-527-3285 for rules and descriptions.

### 4-H Leadership & Work Force Preparation Project – Division 6041

**DIVISION 6041-A 4-H WORK FORCE PREPARATION PROJECT:  
DIVISION 6041-B 4-H LEADERSHIP PROJECT**

925 - **Junior Division: 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>.

926 - **Senior Division: 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>.

\*Resume must be in a sheet protector on 8½ x 11 paper.

#### **DIVISION 6041-B 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)

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).

#### **DIVISION 6041-Secretary (Club) Scrapbook**

930 – 4-H Club Scrapbook – using pictures and captions tell about your 4-H Club's year focusing on leadership, communications, and community service activities. Scrapbook must be 12 x 12 or 8½ x 11 scrapbook or notebook. All activities must be conducted as part of your 4-H year. \*No limit on page numbers.

### 4-H Needlework – Division 6033

Call the Extension Office at 270-527-3285 for rules and class descriptions. Exhibit types include embroidery, knitting, tatting, needlepoint, and quilting (machine & hand). VERY SPECIFIC RULES IN THIS DEPARTMENT, CALL EXTENSION OFFICE FOR DETAILS.

### 4-H Photography – Division 6030

1. See General Rules applying to all 4-H exhibitors and general rules applying to all 4-H exhibits other than livestock listed previously in this catalog.
2. Specifications for exhibits:
  - a. All general photography classes are taken from 4-H Photography Core Curriculum (Focus on Photography, Controlling the Image and Mastering Photography).
  - b. Each county may have one (1) entry per class in both general photography and horticulture photography. Only one entry per class per county.
  - c. General photography (levels 1, 2 & 3): 4-Hers can enter 3 classes in any one level (curriculum) per year.
  - d. Horticulture photography: a 4-H'er may enter any of the classes in addition to general photography.
  - e. All pictures must be made since the last State Fair.
  - f. All classes (including Horticulture) WITH ONE PHOTOGRAPH MUST BE MOUNTED ON WHITE 10"x 16" MAT BOARD-available via order entry (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.

g. 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.

h. Each picture must be mounted securely. Rubber cement or dry mounting tissue is recommended. Do not use photo mounting corners.

i. Entries must use current identification tag securely mounted to front of the mat board in the Lower right corner. Note: Identification tag should NOT cover photo or hang over edge of the board.

j. If labels are required for pictures, it must be typed, on white paper, and placed directly below the photograph it is identifying.

k. 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.

l. If an entry does not fit class descriptions, it will be given a participation award.

3. 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 can be displayed utilizing binder clips while stretched canvas can be displayed with S hooks.

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

5. Photography will be judged on, but not limited to: Technical, impact, composition, creativity, presentation, and the ability of the picture to tell a story.

### **LEVEL 1 Focus on Photography**

764a. Fun with Shadows, pg. 22

Photograph shadows to create a mood or element of surprise.

Display two (2) photographs of shadow shapes

764 b. Fun with Shadows, pg. 22

Photograph shadows to create a mood or element of surprise. Display three (3) photographs that show how the shadow of a subject can "grow" or shrink over time.

765 Directing the Light, pg. 26

Using either natural or artificial light take photographs of subject with either Front lighting, Back lighting, Side lighting, and Top lighting (overhead).

766 a. What Do You See? pg. 34

Landscape with foreground, Middle ground, and background, labeled 1,2,3.

766 b. What Do You See? pg. 34

Landscape with a foreground object that frames the photograph.

766 c. What Do You See? pg. 34

Portrait of a person without background clutter.

767 a. Bird's Eye View, pg. 46

Display one (1) photograph lying on your stomach.

767 b. Bird's Eye View, pg. 46

Display one (1) photograph lying on your back.

767 c. Bird's Eye View, pg. 46

Display one (1) photograph leaning over.

767 d. Bird's Eye View, pg. 46

Display one (1) photograph bending sideways.

768 a. Hat Tricks and Magic, pg. 50

Hat Trick: Have a plant growing out of the subject

768 b. Hat Tricks and Magic, pg. 50

Hand Stand: Have it look like someone is holding a person in their hand

768 c. Hat Tricks and Magic, pg. 50

Set up the photograph to look like a person is hanging from the ceiling.

768 d. Hat Tricks and Magic, pg. 50 Bad Hair Day: Position a person to look like their hair is sticking straight up.

769 Photos Can Tell a Story, pg. 58 A sequence of 3-5 photographs that tell a story. There should be a beginning, a middle and end.

770 Black and White, pg. 62 Black and White photograph that show texture, shape and composition. The interest is in the contrast, light and shadows.

### **LEVEL 2 Controlling the Image**

771 a. Golden Photo, pg. 38

Display one (1) photograph showing the Rule of Thirds

771 b. Golden Photo, pg. 38

Display one (1) photograph using the Golden Triangle

771 c. Golden Photo, pg. 38

Display one (1) photograph using the Golden Rectangle

772 The Space Tells a Story, pg. 46

Display 1 photograph that shows good use of positive and negative space.

773 Capture a Candid Photo, pg. 48

Create a candid collection (3-5) photos. Take photographs at a party, parade, sporting event or family reunion. Try to capture the emotions of the event.

774 a. Freeze the Moment, pg. 54

Display one (1) using setting # 1 – Set shutter speed 1/250 to freeze action for a clear photograph.

774 b. Freeze the Moment, pg. 54

Display one (1) using setting #2 —set the shutter speed at 1/30

775 a. Panning the Action, pg. 58

Display one (1) photograph showing panning technique

775 b. Panning the Action, pg. 58

Display one (1) photograph showing blurring of motion.

776 Bits and Pieces, pg. 62

Display one (1) photograph. Fill the frame with small parts of a whole subject. Choose bits and pieces for close-ups.

777 Panoramas, pg. 66

Take a series of photographs to create a panorama. Display individual pictures on mat board.

### **Level 3 Mastering Photography**

778 Reflections, pg. 30

One (1) picture of reflections as subjects.

779 a. Still-Life, pg. 42

Display one (1) photograph that includes similar Themes- Arrange similar objects (food, toys, glassware) against a neutral background.

779 b. Still-Life, pg. 42

Display one (1) photograph that includes similar Colors- Arrange items of similar colors (brown eggs, loaf of bread, cutting board, and brown crackers)

779 c. Still-Life, pg. 42

Display one (1) photograph that includes different Lighting-Use a colored light, light coming through blinds or faint light shining on clear vases or glasses.

779 d. Still-Life, pg. 42

Display one (1) photograph that includes your Interest-Gather objects that are related in some way such as cooking tools, baseball equipment, books etc.

780 a. Say "Cheese", pg. 46

Display one (1) formal portrait

780 b. Say "Cheese", pg. 46

Display one (1) informal portrait

781 a. Mastering Composition, pg. 50

Display one (1) photograph that shows symmetry vs Asymmetry

781 b. Mastering Composition, pg. 50  
Display one (1) photograph that shows pattern and texture

781 c. Mastering Composition, pg. 50  
Display one (1) photograph that shows shape and form

781 d. Mastering Composition, pg. 50  
Display one (1) photograph that shows visual rhythms

782 a. Expression through Color, pg. 54  
Display one (1) photograph that shows Monochromatic color techniques

782 b. Expression through Color, pg. 54  
Display one (1) photograph that shows contrasting color techniques

782 c. Expression through Color, pg. 54  
Display one (1) photograph that shows Complementary color techniques

783 Details! Details! pg. 58  
Display three (3) to five (5) examples that highlight details in a subject you explored.

784 Pictures with a Purpose, pg. 62  
Display 2-3 photographs that could be part of a brochure. Include words that market the product, event or the organization.

785 How Did They Get That Picture? pg. 66  
Display 3-5 Photographs taken with advanced or specialized equipment.

### **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**

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

787 Single color. Horticultural subject or activity. (Maximum size: 8" x 12")

788 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

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

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

**A Division/Overall Grand Champion and Division/Overall Reserve Grand Champion will be selected from Level 1, Level 2, Level 3 and Horticulture Photography Champions and Reserve Champions**

## **4-H Sewing – Division 6032**

\*Call the Extension Office at 270-527-3285 for rules and class descriptions. There are clothing and non-clothing (e.g., drawstring bag) options. VERY SPECIFIC RULES IN THIS DEPARTMENT, CALL EXTENSION OFFICE FOR DETAILS.

## **4-H Wood Science – Division 6025**

1. Reference materials include the KY 4-H Wood Science Plans Notebook and the 4-HCCS Woodworking Wonders guides.
2. Exhibitor may enter only one class.
3. Contact the Extension Office regarding Level IV categories.

674 – Level I, 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 I, NOT from a kit. Simple constructed wood item showing knowledge of hand tools, wood selection, and use 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.)

676 -- Level II, 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, pine wood car, large bird house, etc.) Item must demonstrate skill with fasteners, sanding and appropriate finish (no puzzles).

677 – Level II, 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.)

678 – Level III, 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: multi-purpose box, corner shelf, book shelf or laminated wood projects, garden bench, planting box, nail & tool box, shop tool rack & shelf, etc.) Original designs are welcomed. This exhibit is to be made up to two parts: 1) the item and 2) a folder containing photographic documentation of the steps taken in order to complete this exhibit.

## **KY 4-H Trends - Division 6042**

1. General rules for 4-H exhibits apply to 4-H Clover classes.
2. Member may enter up to 3 classes within the 4-H Trends Division.
3. All work must be completed by 4-Hers since 2016 fair.
4. All photography classes with one photograph must be mounted on 10"x 16" MAT BOARD (no poster board or foam core board accepted). Single photographs are limited to up to a maximum size of 8" x 12".
5. A junior (ages 9-13) and senior (age 14-18) class champion will be selected for each individual class.
6. Each picture must be mounted securely. Rubber cement or dry mounting tissue is recommended. Do not use photo mounting corners.

### **Clover Photography**

1. Exhibit is limited to a single photograph.
2. Subject of photograph must include 4-leaf clover. (Photographs of 3-leaf clovers will NOT be accepted.)
3. 4-leaf clover may be real or created.
4. Photograph may be color or black or white.
5. Follow all mounting rules described in the Cloverville Photography division.
6. Maximum photograph size 8" x 12".
7. The 4-H identification tag should be located in the bottom right hand corner.  
1010 Junior Clover Photograph  
1011 Senior Clover Photograph

### **Recording History**

1. Judging criteria will be based on implementation of the 4-H theme, 4-H historical content, poster design (lettering, attractiveness, how will it convey the message) as well as the effectiveness of the poster to promote 4-H.
  2. Exhibit must be completed on a standard full size foam core board.
  3. Posters may not include items or embellishments that make the poster 3-dimensional.
  4. Any use of the 4-H Clover must adhere to the standards and guidelines of the registered 4-H clover.
  5. Any color foam core board is acceptable.
- 1040 Junior Historical 4-H Poster  
1041 Senior Historical 4-H Poster

### **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. Examples: 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. Limited to one entry per class per county.

- 1050 Junior Upcycling Project  
1051 Senior Upcycling Project

### **Cake 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.
7. Cakes may be returned based on the condition at the end of the fair.
8. 4-H identification cards must be attached to bottom right hand corner of 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

### **Cup Cakes**

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 to two cupcakes.
7. Cakes may be returned based on condition at the end of the fair.
8. 4-H identification cards must be attached to bottom right hand corner of sheet board.

- 1070 Junior 4-H Cup Cake Decorating  
1071 Senior 4-H Cup Cake Decorating  
1072 Junior General Cup Cake Decorating  
1073 Senior General Cup Cake Decorating