



# 2023 Laurel County AG Fair



## Celebrating 60 Years



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**July 11-14th, 2023**  
**1855 State Hwy 229**  
**London, KY**







# Laurel County Ag Fair

**July 11-14 2023**

Open to all Kentucky

4-H/FFA Youth



**TUESDAY, 7/11/23**

**4-H/FFA Poultry / Rabbit Show**  
Registration 8 am/ Show 9 am

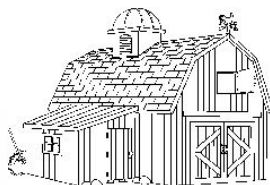
**TUESDAY, 7/11/23**

**4-H/FFA Market Hog Show**  
Registration 4:30 pm/Show  
6:30 pm



**WEDNESDAY, 7/12/23**

**4-H/FFA Skill-a-thon/ Judging  
Contest**  
Registration 8 am / Show 9 am

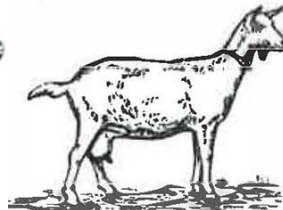
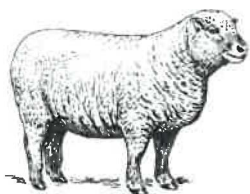


**THURSDAY, 7/13/23**

District Lamb & Goat  
Show starts @ 11 am

**4-H/FFA Dairy Goat followed by  
Mkt./Sheep Mkt./Goat**

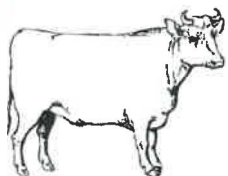
Registration 7:30 am/ Show 8:30 am



**FRIDAY, 7/14/23**

**4-H/FFA Market/ Breeding /  
Feeder Calf Beef Show**

Reg. 2 pm / Show 5 pm



CORNETT AWARD & HALL AWARD  
will be presented after the Dinner on Friday

Laurel County Fair  
1855 State Hwy.229  
London, KY. 40744

DINNER Friday @ 7pm  
Sponsored by Laurel  
Co.Cattlemens Association

# Welcome to Our Ag Show

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As President, and on behalf of the Laurel County Agriculture Youth Fair Executive Board, I would like to welcome all our exhibitors and their families to the 60th Annual Laurel County Youth Agricultural Fair Show.

We also wish to extend our gratitude to the Extension Agents, Extension Program Assistants, Agriculture Vocational Teachers and Adult Volunteers of Laurel County for your leadership, knowledge and continued support. Your involvement and support make this event a success. " Thank you" to each and everyone of you for caring and for your supportive attitude. We look to our youth as the leaders of tomorrow and feel this is a very sound investment.

The Laurel County Youth Agricultural Fair Committee, is an all-Volunteer, non-profit organization with members working year-round, giving their time and talent to host the Laurel County Youth Agricultural Fair Show.

The mission of the Laurel County Youth Agricultural fair committee is to promote and to sponsor the Laurel County youth Agriculture Fair with emphasis upon youth in the 4-H and FFA organizations.

The 60th Annual Laurel County Youth Agricultural Fair will grant the opportunity for all the 4-H and FFA youth to exhibit and compete with their projects on an equal and unbiased basis. We hope you enjoy this year's Laurel County youth Agriculture Fair. We look forward to seeing you there.

Sincerely,  
Josh Cornett

Laurel County Agricultural Youth Fair  
Committee President

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## **Livestock Health Requirements**

All livestock/ animals offered for sale or exhibition at Kentucky County Fairs shall meet the following regulations according to KRS Chapter 257:

- 302 KAR 20:040 (Entry into Kentucky)
- b. 302 KAR 20:065 (Sale and Exhibition of Kentucky Origin Livestock)

Any questions concerning these health regulations should be directed to your local veterinarian or the Kentucky Department of Agriculture State Veterinarian's office at 502-782-5901.

Livestock Health Regulations can be obtained on the Kentucky Department of Agriculture Web site: <http://www.kyagr.com/statevet/animal-movement.html>

Please be advised that Livestock Health Regulations are subject to change at any

time. Exhibitors must have copies of their animals' health papers on site.

NO INTACT MALES OF ANY SPECIES.

## **Rules Committee**

Any questions concerning rules and guidelines that may arise during the registration, shows, or livestock events at the Ag Fair will be addressed by the Ag Fair rules committee, consisting of the 2023 Officers.

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## Laurel County Proud Program

The Laurel County Proud Program is similar to the Kentucky Department of Agriculture's Kentucky Proud Livestock Tag Program. The goal is to offer additional incentives to youth, promote sales opportunities for Laurel County producers, and highlight the quality of animals raised in our community.

- To be eligible for the program, the animal must be born in Laurel County, Kentucky.
  - The program is limited to pigs, goats, sheep, and cattle.
  - The animal must be tagged as Laurel County Proud at the time of validation.
  - The deadline to purchase a Laurel County Proud tag for a feeder calf, market steer or market heifer and breeding animals will be July 1, 2023.
  - The deadline to purchase a Laurel County Proud tag for market lambs, goats, and hogs will be July 1, 2023.
  - Laurel County producers can purchase Laurel County Proud tags for \$10 each. The fees collected for the sale of tags will be used to pay added premiums to students who show Laurel County Proud animals.
  - If a youth's project animal was born on their own family's farm, the student must still have the eligibility form completed and have the animal tagged as Laurel County Proud to be eligible for the program.
  - Added premiums for Laurel County Proud will be paid on the Danish system.
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# Laurel County Youth

Open to all Kentucky

4-H/FFA Youth

# Poultry Show

Laurel County Fairgrounds

TUESDAY, JULY 11, 2023



Registration Opens 8:00 am

Poultry Show begins at 9:00am

Guineas  
Turkeys  
Ducks  
Geese

## STANDARDS

American  
Asiatic  
English  
Mediterranean  
Continental  
All other Standard Breeds  
Mixed Breeds

## BANTAMS

Game  
Single Comb - Clean Legged  
Rose Comb - Clean Legged Any  
other Comb - Clean Legged  
Feather Legged  
Mixed Breeds

Costume Poultry Contest

. Novice Showmanship - Age 8 and  
under Jr. Showmanship Class - Ages 9-13  
Sr. Showmanship Class - Ages 14-19



# LAUREL COUNTY YOUTH POULTRY SHOW

## TUESDAY JULY 11, 2023

### Poultry Show Rules:

Laurel County Fairgrounds

1. Exhibitor must be present during judging
2. Show will begin at 9:00 a.m. Registration will start at 8:00 a.m.
3. Each class will be broken into 4 divisions - Pullet, Cockerel, hen and cock classes with a limit of two entries per division per exhibitor.
4. No exhibit may be entered in more than one class per division (except Costume Class, and Showmanship).
5. Competitions are open to all 4-H / FFA youth ages 21 and under.
6. Classes will be large fowl and bantam. APA and ABA standards govern the classes.
7. Show cages in judging area will be furnished
8. Only judge, show officials and recorder allowed in judging area.
9. Each exhibitor is to stay with his or her entry and is to be responsible for that entry.
10. The Laurel County Fair Board or members of the Poultry Committee will not be responsible for any poultry or accident.
11. Any poultry that is sick, infested, or unhealthy will be disqualified by the committee or judges.
12. Section 7. Poultry or Farm Raised Upland Game Birds. (1) General requirements. (a) Birds four (4) months or older for exhibition purposes shall meet the requirements established in subsections (2) and (3) of this section; (b) Chicks or hatching eggs for sale shall meet the requirements established in subsections (2) and (3)(b) of this section. (c) Birds moving to an approved slaughter facility or between a commercial company's facilities shall meet the requirements established in subsection (4) of this section. (2) Certificate of Veterinary Inspection. (a) A CVI, Non-NPIP Flock Report, or NPIP Flock Certificate with the flock number shall be required for movement and exhibition. (b) A CVI or Non-NPIP Flock Report shall be valid for the remainder of the ninety (90) day S. pullorum test period for intrastate exhibition. An NPIP certificate shall be valid for one (1) year from the date issued for intrastate exhibition. (c) The official individual identification, leg or wing band, shall be recorded on the CVI or Non-NPIP Flock Report. (3) Salmonella Pullorum. (a) Birds four months of age or older shall be negative to an official Salmonella pullorum test within ninety (90) days or originate from a NPIP flock. The NPIP flock number or both the test date and the laboratory of test shall be recorded on the CVI. (b) Chicks or hatching eggs shall originate from a flock as required by KRS 257.400. (4) Other movements. (a) Persons moving commercial poultry between company facilities shall maintain a logbook or possess a waybill stating the origination of the birds and intended destination with the flock NPIP number. (b) Persons moving birds directly to slaughter shall provide the name and address for premises of origin.
13. All birds must be Pullorum Typhoid tested. Please bring current certificate if your birds have been tested. Any birds that have not been tested, will be tested on site by KY State Department of Agriculture.
14. Classes will be divided into male and female.
15. Judges' decisions are final.

### Class premiums -

- 1st place - \$10.
- 2nd place - \$7.
- 3rd place - \$5.
- 4th & 5th place - ribbons only

Grand Champion - \$75. Reserve Champion - \$50.

Showmanship - 1st place only in Senior, Junior, Novice will receive - \$25.



# Laurel County Youth Swine

Open to all Kentucky

4-H/FFA Youth

## Show

**Tuesday, July 11, 2023**

**Registration/Weigh in opens at  
4:30 pm/Show starts at 6:30  
pm.**

**Laurel County Fair Grounds**

### **RULES:**

- A. All 4-H exhibitors must have completed the 6 hours of livestock education and show proof.
- B. Market hogs will be shown off the trailer.
- C. Animals must have health papers.
- D. All Market Hogs must be tagged with KUIP or Laurel County Proud tags.
- E. Open to all 4-H youth ages 9-19 and FFA YOUTH UP TO 21. Ages will be determined by the age of participant as of 1/1/23.
- F. All animal must be gilts or barrows ( castrated males).
- G. Weigh classes - broken by weight - lightweight market class and heavyweight market class.

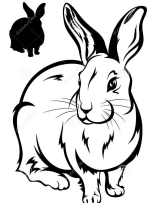


### Hog Show Premiums -

1st place - \$ 20.  
2nd place - \$10.  
3rd place - \$ 5.  
4th & 5th - ribbons only

Grand Champion - \$ 200.      Reserve Champion - \$ 100.

Showmanship - 1st place only in Senior, Junior, Novice Divisions  
will receive - \$ 25.



### 4-H/FFA Rabbit Youth Show

9:00 AM

Registration

10:00 AM

Show – will follow immediately after the poultry show.

- \* All rabbits must be permanently tattooed in rabbits left ear.
- \* Rabbits will be entered and judged according to the A.R.B.A Standard of Perfection.
- \* Any rabbit showing symptoms of disease will not be allowed to compete.
- \* Classes will be determined by breed of the animal. A minimum Of (5) animals will be required for each breed class. If there are less than (5) entries, the animal will be shown in the “all other breeds” class. Cloverbud showmanship class ages 5-8 as of 1/1/23. Ribbons only and can not enter Novice showmanship.

#### (4) Class

- A. Senior Buck
- B. Senior Doe
- C. Junior Buck
- D. Junior Doe

#### (6) Class

- A. Senior Buck
- B. Senior Doe
- C. 6-8 Month Buck
- D. 6-8 Month Doe
- E. Junior Buck
- F. Junior Doe

#### Breeds for (4) Classes -

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Angora, Belgian Hare, Britannia Petite, Chinchilla, Dutch, Dwarf Hotot, English Spot, Florida White, Harlequin, Havana, Himalayan, Jersey Wooly, Lilac, Lionhead, Lop (American Fuzzy, Holland, Mini,) Netherland Dwarf, Polish, Rex, Rex Mini, Rhinelander, Sable, Satin, Silver, Tan, Thrianta, Any other Recognized Breeds.

#### Breeds for (6) Classes –

American, Angora Giant, Beveren, Californian, Champagne D’Argent, Checkered Giant, Cinnamon, Crème D’Argent, Flemish Giant, Hotot, Lop (English,French,) New Zealand, Palomino, Satin, Silver Fox, Any other Recognized Breeds.

#### Class premiums:

- 1<sup>st</sup> place - \$ 10
- 2<sup>nd</sup> place - \$7
- 3<sup>rd</sup> place - \$5
- 4<sup>th</sup> place - ribbon
- 5<sup>th</sup> place – ribbon

#### Champion premiums:

- Grand Champion - \$75.00
- Reserve Champion - \$50.00

Showmanship – 1<sup>st</sup> place only in Senior, Junior and Novice divisions will receive -\$25.00

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Open to all Kentucky

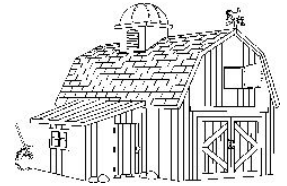
4-H/FFA Youth

## Agricultural Skill-a-thon and Judging Clinics

Coordinator - Warren Beeler

**Wednesday, July 12, 2023**

8 AM	Registration
9-11 AM	Animal Judging Clinics
11:30 – 12:30 AM	Lunch provided by Farm Bureau (prepared by Laurel County Cattlemen)
12:30 – 2 PM	Livestock Judging Contest
2-4 PM	Skill-a-thon
4:30 PM	Awards



### General Rules

- Animals to be used in the judging competition will not be marked until the conclusion of the judging clinic.
- Requests can be made for volunteers to assist students with filling in answer sheets for the Skill-a-thon and judging competitions. Parents should not assist their children with answer sheets.

### Skill-a-thon Award Schedule

Participants will be divided into three divisions, Senior (age 14 to 21), Junior (age 9-13), and Novice (age 8 and under). Age will be determined by the age of participant as of January 1, 2023. The following awards and premiums will be given in each division:

1 <sup>st</sup> place	\$20 and medal
2 <sup>nd</sup> place	\$15 and medal
3 <sup>rd</sup> place	\$10 and medal
4 <sup>th</sup> place	medal
5 <sup>th</sup> place	medal

### Livestock Judging Award Schedule

Participants will be divided into three divisions, Senior (age 14 and over), Junior (age 9-13), and Novice (age 8 and under). Age will be determined by the age of participant as of January 1, 2023. The following awards and premiums will be given in each division for each species judged (beef, swine, lamb, goat):

Livestock Judging		Animal Placement Reasons Awards	
1 <sup>st</sup> place	\$20 and medal	1 <sup>st</sup> place	medal
2 <sup>nd</sup> place	\$15 and medal	2 <sup>nd</sup> place	medal
3 <sup>rd</sup> place	\$10 and medal /4th -5th medal	3 <sup>rd</sup> – 5 <sup>th</sup> place	medal

# Laurel County Youth Sheep Show

## Thursday, July 13, 2023

**Registration/weigh-in opens at 7:30 A.M. | Show order: dairy goats, market sheep, market goats starts at 8:30 A.M.**

District Lamb and Goat Show Weigh-in 8:00 - 10:30 AM  
 District Goat Show begins at 11 AM  
 District Lamb Show begins immediately after District Goat Show

(All animals will show out of trailers).

Rules for the District Lamb and Goat Shows are available online from the Kentucky Department of Agriculture at [www.kyagr.com](http://www.kyagr.com)



### RULES:

1. Committee may combine classes or breeds if there are less than 2 exhibitors exhibiting less than 3 animals.
2. Sheep must meet Kentucky Health Requirements.
3. Market lambs must be slick/shorn or will not be permitted to show.
4. Sheep must be clean, fitted, or sheared for showing.
5. All sheep must have up-to-date health papers.
6. All sheep must have a KUIP Tag as required by KDA or Laurel County Proud.
7. All 4-Hers must have completed the 6-hour livestock education and show proof.
8. All animals must be ewes or wethers (castrated males).

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### SHOWMANSHIP

- |           |                 |
|-----------|-----------------|
| 1. Novice | (Age - Under 9) |
| 2. Junior | (Ages 9-13)     |
| 3. Senior | (Ages 14-21)    |

#### Market Lambs

Classes will be broke by weight morning of show.

#### County Lamb Show Premiums

- 1st place - \$20
- 2nd place - \$10
- 3rd place - \$5
- 4th place - ribbon only
- 5th place - ribbon only

Grand Champion - \$200 Reserve Champion - \$100

Showmanship - 1st place only in Senior, Junior, and Novice divisions will receive -\$25.

# Laurel County Dairy / Mkt. Goat Show

## Thursday, July 13, 2023

Registration/Weigh-in 7:00 am | Show order:  
Dairy Goats, Market Sheep, Market Goats starts  
@ 8:30 a.m.

### Laurel County Fair Grounds

(All animals will show out of trailers.)

#### Dairy SHOWMANSHIP

1. Novice (age 8 and under)
2. Junior (ages 9-13)
3. Senior (ages 14-19)

#### Market SHOWMANSHIP

1. Novice (age 8 and under)
2. Junior (ages 9-13)
3. Senior (ages 14-19)

Open to all Kentucky

4-H/FFA Youth |

Five classes will be offered in Dairy Goat Show

Kids under 12 months

- 1 year old
- 2 year old
- 3 year old
- 4+ years

If any class has only one entry, it will be combined with another class.

County Market Goat/Dairy Goat Show Premiums

1st place - \$20

2nd place - \$10

3rd place - \$5

4th place - ribbon only

5th place – ribbon only

Grand Champion - \$200 Reserve Champion - \$100

Showmanship – 1st place only in Senior, Junior, and Novice divisions will receive -\$25.



### RULES:

1. Goats must have had CD-T vaccination and regular booster shots. Any sick or diseased animal will be dismissed. Must have health papers on site.
2. Market goats will be split based on weight at show time.
3. All 4-Hers must have completed the 6-hour livestock education and show proof.
4. All market goats must be tagged with a KUIP (or) Laurel County proud tag.
5. No Buck classes will be offered.
6. Dairy Goats must have an ear tag, ear tattoo or permanent I.D.



# Laurel County Youth Beef Cattle Show

FRIDAY, JULY 14, 2023 Laurel County Fairgrounds Beef Cattle Show begins at 5:00 P.M.

Registration/Weigh in Opens at 2pm. Weigh in deadline 4:30pm

Show Order - Feeder/ Breeding / Market Beef

1. Animals shown in feeder calf show must weigh 799 or less.
2. All 4-H exhibitors must have completed the 6 hours of livestock education
3. All feeder calves, heifers and steers must be pre-registered and tagged with KUIP, Laurel County Proud. The only exception to the tag requirement will be entries in the breeding heifer show. Breeding animal validation is May 2023.
4. Feeder Calf, Breeding Heifer and Market Beef Show are open to all 4-H youth (9-19) and FFA youth(to ages 21.) Age will be determined by the age of participant as of 1/1/23.
5. Animals in the Youth Open Breeding Heifer Show may be open or bred.
6. Bring pure bred papers.
7. Feeder and Market Beef have to be weighed, starts at 2pm deadline for weigh in by 4:30pm.
8. At weigh in (or) registration, exhibitor must declare either market or breeding heifer. Can NOT show same animal in both.

Feeder Calf/Market Steer/Heifer and Breeding Heifer Premiums

1st place - \$20

2nd place - \$10

3rd place - \$5

4th & 5th Place - ribbons only

Grand Champion -\$200.00 Reserve Champion -\$100.00

Showmanship - 1st place only in Senior, Junior, Novice

Divisions will receive - \$25.

Additional \$1000.00 for Champion Market Beef & Heifer  
(sponsored by House Brothers)

Additional \$500.00 for Champion Breeding Heifer  
(sponsored by Fouts & Fouts)

**BREAKDOWN OF AGES** - Animals in the Youth Breeding Heifer Show may be open or bred.

**CLASS ELIGIBILITY**

Jr. Calf- Born after January 1, 2023

Sr. Calf- Born between September 1, 2022 and December 31, 2022 Summer

Yearling- Born between May 1, 2022 and August 31, 2022

Jr. Yearling - Born between January 1, 2022 and April 30, 2022

Sr. Yearling- Born between September 1, 2021 and December 31, 2021



## Charles M. Cornett Youth Livestock Showman Award

1<sup>st</sup> place – rosette, belt buckle and \$100

2<sup>nd</sup> – 5<sup>th</sup> places – rosette and \$50

6<sup>th</sup> – 10<sup>th</sup> places – rosette

**(Only a Laurel County active 4-H /FFA member can win this award)**

### POINT CALCULATION FOR CORNETT AWARD AT LAUREL COUNTY FAIR

Points are calculated only on placings for the Laurel County Shows. Participation in the District shows does not add additional points. In the case of ties, the tied parties each receive the same overall points.

1. Scores for skill-a-thon are calculated. Novices, Juniors and Seniors are listed together based on test score. The individual that places first gets 10 overall points, 2<sup>nd</sup> gets 9 points, 3<sup>rd</sup> gets 8 points, 4<sup>th</sup> gets 7 points, 5<sup>th</sup> gets 6 points, 6<sup>th</sup> gets 5 points, 7<sup>th</sup> gets 4 points, 8<sup>th</sup> gets 3 points, 9<sup>th</sup> gets 2 points, 10<sup>th</sup> gets 1 point. All other participants also get 1 point.

2. Scores for the judging contest are calculated. Novices, Juniors and Seniors are listed together based on contestant total. Individual points are assigned based on same basis as skill-a-thon. 10 points for 1<sup>st</sup>, 9 points for 2<sup>nd</sup>, etc. all contestants get at least 1 point.

3. Showmanship points. Every time an individual enters the ring for showmanship, he/she earns placing points but not necessarily overall points. Placing points are based on the child's placing in their showmanship class for every species. For example: Child A wins his class in goat showmanship, is 3<sup>rd</sup> in swine showmanship and then is 5<sup>th</sup> in cattle showmanship. That child has earned 24 placing points, but these are not overall points. This total is used to determine rank for overall showmanship points. Child B is 1<sup>st</sup> in goat showmanship, 5<sup>th</sup> in swine showmanship, 6<sup>th</sup> in sheep showmanship and 4<sup>th</sup> in cattle showmanship. Child B has earned 28 placing points. The showmanship placing points are then totaled for every child that has competed at the fair and then the child with the most placing points receives 10 overall points, 2<sup>nd</sup> highest total receives 9 points, right down the line to 10<sup>th</sup> place in placing points receiving 1 overall point. Every child that shows in showmanship will receive at least 1 overall point. It is to a child's advantage to enter the showmanship for numerous species. A child can win his class in a species but receive fewer overall points than a child who is 5<sup>th</sup> in show A and 6<sup>th</sup> in show B. This is also the reason that all classes (even the novice classes) must be placed top to bottom.

4. Animal points. Every time a child enters a class with their animals, they receive placing points. No points are awarded for Grands, Reserves, Divisions, etc. The point distribution is just like in showmanship. 1st place gets 10 placing points, 2<sup>nd</sup> place gets 9 placing points...down to 10th

place getting 1 placing point. Every animal shown will receive at least 1 placing point. Once all the shows are finished at the end of the week, total placing points are calculated. The child with the most placing points gets 10 overall points, 2<sup>nd</sup> highest total gets 9 overall points...right down to the 10<sup>th</sup> highest total for placing points getting 1 overall point. Any child not receiving enough placing points to be in the top 10 will also receive 1 overall point. Again, it is to a child's advantage to show as many animals as possible to receive more placing points so that their total placing points will rank them higher and thus receive more overall points. Even though there may only be 1 animal in a particular class that child will receive 10 placing points for that animal. The child that owns the animal receives the points regardless of who shows the animal. \*\*\*Again, a child that receives first place with a steer will receive fewer overall points than a child that has 2 goats that finish 5<sup>th</sup> and 6<sup>th</sup> respectively.



## Laurel County 4-H/FFA Youth Exhibits

1. All non-livestock exhibits must be at the Fairgrounds and remain on display to conform with regulations.
2. Fair Management reserves the right to combine classes when a class has fewer than three (3) entries and/or two (2) exhibitors.
3. All entries must be prepared, crafted, or grown by the exhibitor.
4. Fair Management reserves the right to interpret and resolve all matters connected with the Fair.
5. All entries are to be received at the Laurel County Fairgrounds on Tuesday, July 11, 2023 from 9 AM to 12 PM, and may be viewed beginning at 9 AM on July 12, 2023. All exhibits should be picked up at the fairgrounds on Friday, July 14, 2023 following the dinner. All families and exhibitors are invited to the dinner which begins at 7:00 PM. The Cornett Award and Non-Livestock Awards will be given after the dinner.
6. All participants must be signed up in 4-H or FFA of the current year to participate at the fair.
7. Laurel County 4-H/FFA Members are the only groups allowed to exhibit projects in the hall.

**\*\*Please contact the county Extension office at 606-864-4167 for specific information on youth categories before beginning a project. County fair rules and guidelines change each year.**



## DIVISION 6029 – 4-H ARTS

**Jennifer Tackett, Extension Specialist for 4-H and Youth Development**

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), Sketchbook Crossroads (Section B), and Getting Started in Art 4-H Core Curriculum except for Trends and Heritage Arts.
3. Junior: Any member aged 9-13. Senior: Any member aged 14-19.
4. Seniors must submit an artist statement. **Also, juniors who submit a heritage art item must also fill out an artist statement.** See the attached artist statement worksheet. This can be attached to the back of the item.
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. This is a maximum of 6 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 it with a string or rubber band. For items with more than one piece, a description on the back of the ID card is suggested with the 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 the project are hardware permanently attached to the project that can be displayed on metal grid work walls via a metal S hook, binder clip, or zip tie. **\*\*\*NOTE: mat board and canvas can be displayed utilizing binder clips. We will have binder clips available at check-in for you.**
10. Some classes have specific size requirements, for all others, the maximum size is 30"x30"
11. Frames with glass are not permitted.
12. Subject matter must be "family-friendly" in context.
13. Small items, which are easily separated or destroyed, may be placed in small plastic bags.
14. 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: (pg.12) Using acrylic paint to create a painting.
- 727b. Senior Acrylic: (pg.12) same as Junior.
- 728a. Junior Watercolor: (pg.14) Using watercolors and a variety of techniques to complete a painting on watercolor paper.
- 728b. Senior Watercolor: (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 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) Use a medium of your choice. 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 humans in action using 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 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: (pg.38) Create a collagraph block at least 6" wide and create any color print using the 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 them onto a wood block, and print using a stamp pad. Entry must include print and stamp.
- 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 it 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" inch pieces. Five 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 a design showing the use of various tools.
- 744b. Senior Computer Drawing: same as Junior.

## **Section B: Sketchbook Crossroads**

### **Drawing**

- 745a. Junior Black Pencil Drawing: (pg.12) Draw using a black pencil.



- 745b. Senior Black Pencil 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 circle then draw a subject of your choice inside the circle.
- 747b. Senior Circular Shape Object: same as Junior.
- 748a. Junior Colored Pencil: (pg.20) Draw with colored pencils.
- 748b. Senior Colored Pencil: same as Junior.
- 749a. Junior Pen and Ink: (pg.22) Sketch animals or other objects using pen and ink. No markers.
- 749b. Senior Pen and Ink: same as Junior
- 750a. Junior Hand Lettering: (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 Hand Lettering: 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: (pg31) Felt wool to create a design. Applique design to a felted wool item.
- 752b. Senior Felted Wool Applique: 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, and 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 Item: (pg.40) Set up a lap Loom. Using several colors or types of yarn create a
- Cooperative Extension Service** | Agriculture and Natural Resources | Family and Consumer Sciences | 4-H Youth Development | Community and Economic Development

woven item of your choice.

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: (pg.55) Create an item from clay either self-hardening or firing is required.

757b. Senior Clay: 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 Wire Sculpture: (pg.67) Using wire and other materials (nylon cloth, beads, etc.) to create a freestanding sculpture.

761b. Senior Wire Sculpture: same as Junior.

762a. Junior Plaster of Paris Carving: (pg.69) Using a plaster of paris block, carve a form.

762b. Senior Plaster of Paris Carving: same as Junior.

## **Section C: Art Trends and Heritage Arts**

This section will be highlighting the latest trends in art while honoring our heritage.

**Documentation of the Heritage Arts Classes in the artist statement is REQUIRED for both Junior and Senior Classes!** 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 as employing more than one medium. Examples include decoupage and paint; pencil and watercolors; fabric, paint, and paper. The canvas size is open to the artist.
- 763b. Senior Art Trends—Mixed Media Canvas: Same as above.
- 763c. Junior Basket Making - Natural materials, any size, shape, or design. Non-natural materials may be woven into the design.
- 763d. Senior Basket Making - Natural materials, any size, shape, or design. Non-natural materials may be woven into the design.
- 763e. Junior Jewelry – One piece of jewelry created by youth (Jewelry quality only). No kits or pony beads allowed.
- 763f. 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 is used to string beads. Examples: earring(s) and necklace or bracelet and necklace, etc.
- 763g. Junior Leather Craft - Item made from leather. May or may not be tooled. Kits allowed.
- 763h. 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, wood carvings, metal art, mini barn quilts, etc.

764a Junior Heritage Arts

764b. Senior Heritage Arts

## ARTIST STATEMENT

To be completed by Seniors for every/each piece of art. To be completed by Juniors submitting a Heritage Art piece.

<b>Name:</b>	
<b>County:</b>	
<b>Class:</b>	
<b>Title of Work:</b>	
<b>Materials Used:</b>	
<b>Explanation of where you got your inspiration or ideas from in creating this work.</b>	
<b>Explanation of elements and principles of design that pertain to your work.</b>	
<b>What kind of message were you trying to communicate?</b>	
<b>How does this represent you as an artist?</b>	
<b>Heritage Crafts: Please tell the history of the piece including why and where it was first created.</b>	



## DIVISION 6018 - 4-H CROPS PROJECT

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

1. See General Rules applying to all 4-H exhibitors and general rules applying to all exhibits other than livestock previously listed in this catalog.
2. 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. Do not bring grains in glass containers. **Grain must be in one (1) gallon zip lock bags.** Neither the container nor the grain will be returned. Id tags and yield/variety information must be attached to bag.
3. Hay will be judged on Monday as it comes into Cloverville. Bring  $\frac{1}{2}$  hay bale securely bound with cord or twine. **Place  $\frac{1}{2}$  hay bale in a large double strength garbage bag.** Tags must be attached to the bale and not the bags-Print id tags on cardstock with a hole punched in the corner and attached using rubber bands to the bale.
4. 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.
5. The field corn and popcorn will be exhibited in trays provided by the State Fair. Variety and yield information must be included.
6. No grain exhibits will be returned. Hay will be returned to your county.
7. Roots of soybeans must be washed.
8. 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.

## CLASSES

### LEGUME HAY:

- 600 Alfalfa hay,  $\frac{1}{2}$  bale (no full bales accepted) from the current year's project crop, neatly tied and labeled.
- 601 Red clover hay,  $\frac{1}{2}$  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.

**POPCORN:**

- 611 White Popcorn-ear, from the previous year's crop, 8 ears shucked, and labeled with variety and yield.
- 612 Red Popcorn-ear, from the previous year's crop, 8 ears shucked, and labeled with variety and yield.
- 613 Yellow Popcorn-ear, from the previous year's crop, 8 ears shucked, and labeled with 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.

**GRAIN SORGHUM (Milo):**

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

**SWEET SORGHUM**

- 619 Sweet sorghum from the current year's crop, three stalks tied together below leaves, with roots intact, but free of soil, and labeled to show variety.

**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.

Revised 9/2018



## DIVISION 6040 - CONSUMER AND FINANCIAL EDUCATION

Dr. Kimberly A. L. Schrader, Extension Specialist for 4-H Youth Development

1. **Classes in Division:** Classes 914-915 for grades 4-5; Classes 916-917 for grades 6-8; Classes 918-920 for grades 9-12
2. **Number of Entries Permitted:**
  - a. County may submit two entries per class.
  - b. A member may enter only one class in the Consumer and Financial Education Division. (This means: a member's name should appear only one time on the county's Consumer and Financial Ed Division invoice sheet.)
3. **General Rules:**
  - a. See "General Rules Applying to All 4-H Exhibitors in the Kentucky State Fair" at [www.kystatefair.org](http://www.kystatefair.org). Click on "Competition", then "Premium Book", then "4-H Exhibits."
  - b. **Item must meet all requirements for the class;** otherwise, the entry will be disqualified.
  - c. Items entered must have been completed by the exhibitor within the **current program year**.
  - d. The decision of the judges is final.
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 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.
5. **Additional Documentation Required:** Every class in this division requires a narrative. See class description for specifics.
6. **Labeling:**
  - a. Identification Card (4LO-11SO): The State Fair Entry system will generate this label. Attach the Identification Card securely to the front of the poster, in the bottom right corner. It must not protrude beyond edge of poster.
7. **Entry Instructions:** All exhibits are entered through the State Fair's electronic submission system by the county Extension staff.
8. **Awards:**
  - a. Each entry that meets class requirements will receive a ribbon.
  - b. A champion will be named in each class.
  - c. An overall grand champion and a reserve champion will be selected for the division.
9. **Class Descriptions:**

## 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

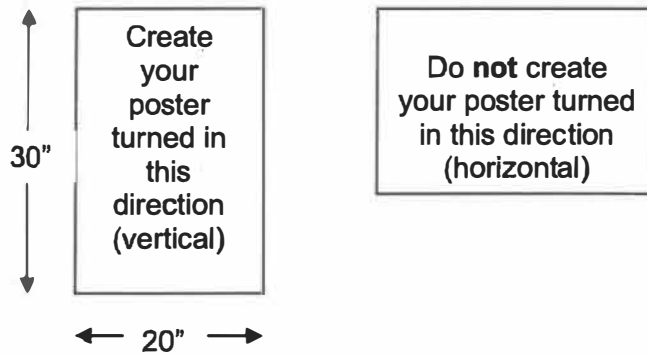
- 916** **Poster on “Media and the Marketplace”** –For grades 6-8; complete a commercial comparison as outlined in the activities on pp. 18-19. Use 20” X 30” foam core board or cardboard, turned in a vertical direction. Write a narrative of your answers to the questions in “Check This Out!” on p. 19 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 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 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.



Revised 10/2021



**Division 6021 - 4-H ELECTRIC**  
**Torey Earle – Extension Specialist for 4-H Youth Development**

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 in the 4-H Electric 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 and disabled for further use.
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**

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



**4-H ENTOMOLOGY & HONEY**  
**Division 6026 – 4-H ENTOMOLOGY & HONEY**  
**Blake Newton - Staff Consultant**

1. See General Rules applying to all 4-H exhibitors and 4-H exhibits other than livestock listed previously in this catalog.
2. **Each county may have 1 entry per class. An exhibitor may enter only one class in Entomology and no more than two entries in Honey (one extracted, one chunk).**
3. Specifications for pinned-insect exhibits 687A, 688A, 689A, 690A, and 691A (see below for insect photography exhibit, 687B, 688B, 689B, 690B, 691B):
  - a. 9" x 13" folding cardboard insect-collection boxes available through UK College of Agriculture, Department of Entomology, should be used. Homemade or purchased wooden exhibit boxes may be used instead. They must be approximately 18" x 24" and not more than 3 1/2" thick with Plexiglas or glass covers and cellotex pinning bottoms (or plastazote or polyethylene pinning bottoms available from entomology supply stores such as Bioquip.com). Boxes must be easily opened (for instance; if a screw is used to secure Plexiglas tops, use a thumbscrew fastener instead of a fastener that requires a tool).
  - 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 countries outside of the United States will be judged.
  - 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.
  - g. The inclusion of non-insect specimens (spiders, e.g.) is encouraged, but because this is primarily an insect collection, and because non-insects do not preserve well on insect pins, points will be deducted if there are more than one specimen from each non-insect class.
4. Pinned entomology exhibits are judged on the following categories: Orders, Species, Common Names, Labels, Condition of Specimens, Overall Appearance, Life Cycle Representation, Catalog of Specimens. Check with county 4-H Agent for point distribution on score sheet.
5. 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 not the official 9" x 13" cardboard boxes acquired through the Dept. of Entomology, or wooden boxes that are approximately 18" x 24" x 3 1/2".
  - 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.
- 6. No extra credit will be given for specimens exhibited beyond the numbers listed in the current project books.
  - 7. 4-H'ers entering fifth year cannot use the same exhibit that has been judged in any previous State Fair.
  - 8. 4-H Entomology exhibits will be divided into the following classes:

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, 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]
- 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.

- 688A 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 (50-100 photographs total, minimum of 8 orders, at least one-half identified with a common name). Specifications for exhibits are the same as for 687B except that no images from the first-year photography project may be reused for this project.
- 689A 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.)
- 689B Third year project (100-150 photographs total, minimum of 10 orders, all identified with common names except immature stages. Photos of at least one arthropod egg, nymph, larva, and pupa—identified to order, no common name needed—should be included as a part of the 100-150 photos). Specifications for exhibits are the same as for 688B 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, 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 (if applicable)]  
 [Life stage identified for all non-adult arthropods]
  - Third year entomology photography exhibits are judged on the following categories: Diversity, Inclusion of life stages, Identification, Labels, Quality of Photographs. Check with county 4-H Agent for point distribution on score sheet.
  - Identification to order (or class for non-insect arthropods) is necessary for any eggs, nymphs, larvae, pupae, and adult insects in the project; common name identification is necessary for all adult arthropods in the project.
- No images from previous insect photography projects may be reused for this project.690A  
 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.
- 690B Fourth year project (150 photographs minimum, no maximum, 12 orders minimum, all identified with common names except immature stages. Photos of at least one arthropod egg, nymph, larva, and pupa—identified to order, no common name needed—should be included as a part of the 150+ photos). Specifications for exhibits are otherwise the same as for 689B. 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 or TikTok), 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 or TikTok, 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](mailto: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](mailto:blaken@uky.edu) (for YouTube videos) or direct messaged to [@kentucky\\_bugs](https://www.tiktok.com/@kentucky_bugs) (for TikTok 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 background music licensed for use by individual social-media platforms.

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.

691 B 4-Her may repeat the fourth year project with all new photographs, or submit a creative digital project that is different from the previous projects. Examples may include: a documentary on a beneficial or pest insect based on video footage and photos curated by the 4-Her; a webpage covering an aspect of entomology, featuring the 4-Hers digital photographs; a short online social-media course that teaches viewers about some aspect of entomology. This project may be repeated for successive years of eligibility but must be a different exhibit each year (or a repeat of the 4th year project with new photos).

691C Senior Level Entomology Video Project. 1-3 minute entomology video submitted to social media platform (YouTube or TikTok), 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.

## HONEY

Honey will show better in oval, flat sided to square clear glass containers. 4-H'ers **must** use standard honey jars. **Wide-mouth mason jars or wide-mouth honey jars may be used**. The jars and lids must be clean. **Fill jars to the "fill line"**. The "fill line" is the continuous ring that circles the jar and not necessarily the threads that help hold the lid. **Note: Two jars must be submitted for the following classes.**

Display cases for capped honey 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. Observation hives may be picked up after the end of judging on Tuesday August 13, 2019.

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

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



## DIVISION 6035 - 4-H FOOD EXHIBITS

Sandra Bastin – Food & Nutrition Specialist  
Isaac Hilpp – Senior Extension Specialist for 4-H Youth Development

1. **Classes in Division:** Classes 841—858.
2. **Number of Entries Permitted:**
  - a. A county may submit ONE entry per class.
  - b. Member may enter up to 3 classes in the Food Division. (This means: a member's name could appear up to 3 times on the county's Food Division invoice.)
3. **General Rules:**
  - a. See "General Rules Applying to All 4-H Exhibitors in the Kentucky State Fair" at [www.kystatefair.org](http://www.kystatefair.org). Click on "Competition," then "Premium Book", then 4-H Exhibits.
  - b. **Item must meet all requirements for the class;** otherwise, the entry will be disqualified.
  - c. Items entered must have been completed by the exhibitor within the current program year.
  - d. The decision of the judges is final.
4. **Unique Rules or Instructions:**
  - a. 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** at <http://4-h.ca.uky.edu/content/food-and-nutrition>, in the **4-H Cooking 101-401 Series** or contact your county Extension agent for 4-H YD.
  - b. 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.
  - c. Use of plastic film or aluminum foil to wrap product is discouraged but will not cause the product to be disqualified.
  - d. To prevent damage, wrapped cakes should be transported in a sturdy container such as a cardboard box. *Containers, pie pans, etc. will NOT be returned to the exhibitor.*
5. **Additional Documentation Required:** none
6. **Labeling:**
  - a. Identification Card (4LO-11SO): The State Fair Entry system will generate this label. Attach the label securely to the outside wrapper of each food entry.
7. **Entry Instructions:** All exhibits are entered through the State Fair's electronic submission system by the county Extension staff.
8. **Awards:**
  - a. Each entry that meets class requirements will receive a ribbon.
  - b. A class champion will be named in each class.
  - c. An overall grand champion and a reserve champion will be selected.
9. **Class Descriptions:** 4-H food entries will be divided into the following levels and classes:

All recipes are located in the **4-H Fair Recipe Book--Food** at <http://4-h.ca.uky.edu/content/food-and-nutrition> and also in the publication identified in the class description.

### 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** at <http://4-h.ca.uky.edu/content/food-and-nutrition>.

### Quick Breads

- 845 Three **Cornmeal Muffins**: Use the recipe in the **4-H Fair Recipe Book--Food** at <http://4-h.ca.uky.edu/content/food-and-nutrition>.  
846 Three pieces of **Coffeecake 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**, p. 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 One-fourth 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-pound, 1½-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 adaption that includes 1) what the adaption is, 2) How this meets a dietary need, 3) the new recipe.

Revised 9/24/19



## Kentucky 4-H Fair Recipe Book—Food Preservation Division

Revised: 10-14-2018

For fair competition, Kentucky 4-H members are to use the recipes in this booklet. The recipes were adapted from the **Put It Up! Food Preservation for Youth** curriculum from the National Center for Home Food Processing and Preservation, University of Georgia Cooperative Extension and Clemson Cooperative Extension. Additional helpful information is available on the NCHFP website at: <http://nchfp.uga.edu/>.

- 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. 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*. The USDA recommended headspace for salsa is ½ inch. Canning label must be completed by member and affixed to the jar. Publications 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: [https://nchfp.uga.edu/publications/publications\\_usda.html](https://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*. 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: [https://nchfp.uga.edu/publications/publications\\_usda.html](https://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*. 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: [https://nchfp.uga.edu/publications/publications\\_usda.html](https://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*. 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 (<http://www2.ca.uky.edu/agc/pubs/FCS3/FCS3583/FCS3583.pdf>) and USDA Complete Guide to Home Canning: [https://nchfp.uga.edu/publications/publications\\_usda.html](https://nchfp.uga.edu/publications/publications_usda.html) may be helpful.

## Dried Apples

Recipe adapted from the **Put It Up! Food Preservation for Youth** curriculum from the National Center for Home Food Processing and Preservation, University of Georgia Cooperative Extension and Clemson Cooperative Extension

2 to 3 apples of your choice

2 cups vitamin C-enriched apple juice (enough to cover the apples when sliced)

Cooking spray

1. If you are using an electric dehydrator, plug it in (so that it is not touching anything) with the lid on the base. If you are using an oven, slide oven racks to be 2 to 3 inches apart and turn on oven. Preheat dehydrator or oven to 140°F.
2. Wash apples under cool running water.
3. Place enough apple juice in a bowl to cover the apples when sliced.
4. Core and peel the apples. Cut away any bruised or damaged areas. Carefully cut apples into 1/8-inch thick pieces, either as slices or rings.
5. To prevent browning, place the apple pieces into the bowl of juice as they are cut. Soak the apple pieces in the juice for 3 to 5 minutes.
6. Spray drying tray lightly with cooking spray. This will prevent sticking.
7. Remove the apple pieces from the juice, place briefly on paper towels to remove excess juice, and then place the pieces in a single layer on the drying tray. Place the drying tray into the preheated dehydrator or oven.
8. Dry at 140°F for approximately 6 to 12 hours in a dehydrator. Plan to start checking for doneness in 3 hours and check every hour or half-hour until done. Oven drying may take 12 to 24 hours. If using an oven, leave the door cracked open to allow moist air to escape. Place a fan outside the oven near the door to speed up drying time.
9. When dry, the apple pieces should be bendable, but not sticky. If a piece is folded in half, it should not stick to itself. You should not be able to squeeze any moisture from the fruit. Do not let the apples dry so long that they become crispy.
10. After drying, cool the dried apples 30 to 60 minutes before packaging. Packaging warm fruit could lead to sweating and mold growth.
11. Once they are cool, put the dried apples into a sealable airtight container. Label the container with the name of the fruit and the date.

UK Extension Publication HE 3-501 may be helpful.

*For the fair:* 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. The container may be larger than needed for 12 pieces. Judging will be based on suitability of container, not size.



## Boiling Water Canning

Follow these general instructions for boiling water canning Choice Salsa, Dill Pickles or Strawberry Jam.

### *Prepare canner and jars:*

1. Assemble equipment and ingredients.
2. Place rack in bottom of boiling water canner. Fill canner half full with clean, hot water and place on burner. Turn heat on medium-high to heat water in canner to the temperature specified in each recipe (180°F, simmering, for hot packed Choice Salsa and Strawberry Jam; 140°F, almost simmering, for raw packed Dill Pickles).
3. Only use jars that were specifically made for home canning. (Do not re-use containers such as mayonnaise jars.) Use only the jar sizes specified in each recipe. Examine jars carefully. Discard any with cracks or chips in the rim. Examine ring bands and discard any with rust or bends.
4. Wash jars thoroughly in warm soapy water, rinse well, and place them in the canner to stay warm until ready to use.
5. Wash ring bands and prepare lids as instructed by the manufacturer.
6. Heat 3 to 4 cups hot water in a medium saucepan for adding to canner, if needed.

### *Prepare the recipe:*

As directed for each product.

### *Fill the jars:*

1. Slowly remove jars from hot water with jar lifter. Carefully empty any water back into the canner. Place jars upright on towel-covered countertop or rack.
2. Fill jars as directed in each recipe, leaving the required headspace. Headspace is the gap between the top of the food and the top of the jar rim. Measure headspace with headspace tool or ruler to ensure it is correct.
3. Remove air bubbles by slowly moving bubble freer or nonmetal spatula gently in and out around the inside edge of each jar. Check headspace of each jar again and gently add or remove liquid with a small spoon, if needed.
4. Wipe jar rims with a clean, damp paper towel.
5. Apply lids according to manufacturer's directions. Turn band onto jars until fingertip tight. Fingertip tight is when you meet firm resistance as you turn the band onto the jar using your thumb and two fingers.

### *Boiling water processing:*

1. Use a thermometer to check that the temperature of the water in the canner is the temperature specified in the recipe (180°F for Choice Salsa or Strawberry Jam; 140°F for Dill Pickles). Adjust burner higher or lower, if necessary.
2. Use a jar lifter to carefully place filled jars one at a time on the rack in the canner. Keep jars upright at all times. Make sure water is 1 to 2 inches above tops of jars. Add hot water from the saucepan if needed, pouring between jars rather than directly on top of jars.

3. Place lid on canner and turn heat to high. Bring water in canner to a strong boil and then start a timer, using the time specified in the recipe for your altitude. *Be sure to maintain a steady boil throughout the entire timing process.*
4. Once the timer goes off, turn off heat. Remove canner lid, lifting the underside of the lid away from you to direct the steam away from your face. Wait 5 minutes for the contents of the jars to settle.
5. After 5 minutes of cooling, remove jars from the canner one at a time using a jar lifter, keeping them upright. Be careful not to tilt them. Place jars at least 1 inch apart on a dry towel or cake-cooling rack. Place away from drafts of moving air.
6. Let jars cool, undisturbed, for 12 to 24 hours. Check jars for vacuum seals. The lids on sealed jars will be indented and will not flex when pressed.
7. Remove ring bands from sealed jars and wipe jars. Store in a cool, dark, dry place. Store unsealed or opened jars in the refrigerator and eat within one week.

## Choice Salsa

Recipe is from the **Put It Up! Food Preservation for Youth** curriculum from the National Center for Home Food Processing and Preservation, University of Georgia Cooperative Extension and Clemson Cooperative Extension.

6 cups (about 5 pounds) tomatoes (red, orange, yellow or green)

9 cups (about 3 pounds) onions and/or peppers of any variety\*

1½ cups commercially bottled lemon or lime juice

3 teaspoons canning or pickling salt

About 6 pint (or 12 half-pint) canning jars

\*Red, yellow or white onions may be used and will slightly affect the overall flavor. More bell peppers make a milder salsa, while hot chili peppers make a spicier salsa. It is important to the safety of the salsa that you use no more than 9 cups total of onions and peppers.

1. Prepare canner and jars as directed in **Boiling Water Canning**, heating to 180°F (simmering).
2. *Peel tomatoes:* Fill a stockpot with enough water to cover several tomatoes at a time. Bring water to a boil while preparing tomatoes. Fill a large bowl with ice (if you have it) and cold water. Wash tomatoes. Cut an "x" in the non-stem end of tomatoes with the tip of a small knife. Place 2 to 3 tomatoes at a time in boiling water for 30 to 60 seconds or until skins split. Remove tomatoes with a slotted spoon and place in cold/ice water. Slip off tomato skins and discard them. Place tomatoes on a clean cutting board.
3. Carefully use a knife to remove the firm inner core from tomatoes. Coarsely chop tomatoes (into blueberry-sized pieces).
4. Peel, rinse, trim and dice onions in ¼-inch pieces.
5. *Bell peppers:* Rinse peppers. Remove stems, seeds and membranes. Dice peppers in ¼-inch pieces.
6. *If using hot peppers:* Place food handling gloves on both hands. Rinse and dry hot peppers. Remove stems and remove the seeds and membranes, unless you want more spicy heat. Dice hot peppers into very small pieces. Remove and discard gloves. Wash hands well.

7. Measure and combine 9 cups of peppers and onions with 6 cups of tomatoes in a large stockpot. You can vary the individual amounts of peppers and onions to suit your taste, but be sure that they measure 9 cups in total. Measure and add 1½ cups bottled lemon or lime juice and 3 teaspoons salt. Stir to mix ingredients evenly.
8. Heat to boiling over high heat and then reduce to a simmer and cook for 3 minutes, stirring as needed to prevent scorching.
9. Remove hot jars from canner and fill as directed in **Boiling Water Canning**, leaving ½-inch headspace. Use a jar funnel for neater filling and be sure to release air bubbles and adjust headspace if needed. Wipe jar rims and apply lids.
10. Process in a boiling water canner as directed in **Boiling Water Canning**. Process pint or half-pint jars for 15 minutes at altitudes of 1,000 feet or below; 20 minutes at altitudes of 1,001-6,000 feet.

*For the fair:* Replace ring band on jar, if it was removed for storage. Complete 4-H Canning Label and affix to jar.

### **Dill Pickles** (recipe revised 10-14-2018)

Recipe is from the **Put It Up! Food Preservation for Youth** curriculum from the National Center for Home Food Processing and Preservation, University of Georgia Cooperative Extension and Clemson Cooperative Extension.

Ingredients below are for 6 to 7 pint jars

About 9 pounds (36) pickling cucumbers, 3 to 4 inches long

3 cups water

3 cups vinegar (5% acidity)

6 tablespoons canning salt

9 to 11 heads of fresh dill or 3 to 3½ tablespoons dried dill weed or dill seed

3 to 3 ½ tablespoons whole mustard seed

3 to 7 cloves of garlic (optional)

About 6 to 7 pint (or 12 to 14 half-pint) canning jars (use wide mouth jars for easier packing)

1. Prepare canner and jars as directed in **Boiling Water Canning**, heating to 140°F (almost simmering).
2. Rinse cucumbers in a colander immediately before using. Scrub well, giving special attention to the area around the stems.
3. Remove a 1/8-inch slice off the blossom end of each cucumber and discard. If stem is still attached, cut off all but ¼ inch. Carefully slice the cucumbers lengthwise and then lengthwise again to create spears.
4. If using fresh dill, chop leaves finely with scissors, separating into small piles of 1½ heads per pile. If using garlic, peel and slice cloves into thin slices.
5. *Make the pickling brine:* Combine 3 cups water, 3 cups vinegar and 6 tablespoons salt in a large saucepan. Bring to a boil over high heat

6. Remove hot jars from canner as directed in **Boiling Water Canning**. Place 1½ heads of chopped fresh dill or 1½ teaspoons dried dill weed or dill seed in the bottom of each pint jar. Add 1½ teaspoons mustard seed to each pint jar. Add ½ to 1 clove of sliced garlic to each pint jar, if desired. (Use one-half those ingredient amounts if using half-pint jars.)
7. Pack cucumber spears tightly into the jars, leaving ½-inch or more of headspace. (If using half-pint jars, it may be necessary to trim the length of the cucumber spears.) Ladle boiling pickling solution over the cucumbers in the jars, leaving ½-inch headspace. Use a jar funnel for neater filling and be sure to release air bubbles and adjust headspace if needed, as directed in **Boiling Water Canning**. Wipe jar rims and apply lids.
8. Process in a boiling water canner as directed in **Boiling Water Canning**. Process pint or half-pint jars for 10 minutes at altitudes of 1,000 feet or below; 15 minutes at altitudes of 1,001-6,000 feet.
9. For best flavor, store sealed jars for 3 weeks before eating.

*For the fair:* Replace ring band on jar, if it was removed for storage. Complete the 4-H Canning Label and affix to jar.

## **Strawberry Jam (with Regular Pectin)**

Recipe is from the **Put It Up! Food Preservation** for Youth curriculum from the National Center for Home Food Processing and Preservation, University of Georgia Cooperative Extension and Clemson Cooperative Extension.

5 cups crushed strawberries (about 4 pints strawberries)\*

1 package powdered pectin

7 cups sugar

About 8 half-pint (or 16 4-ounce) canning jars






\*Strawberry jam is best made with fresh-picked, in-season berries. If you use store-bought berries, be sure to mash them up very well or you will get a lot of floating fruit and trapped air in the final product.

1. Prepare the canner and jars as directed in **Boiling Water Canning**, heating to 180°F (simmering). If you are using 4-ounce jars and need to double-stack them, place a second canning rack on top of the first layer of jars. Continue to place jars in a single layer on top of this second rack.
2. Rinse strawberries in a colander immediately before using. Do not soak berries. Gently lift them out of water. Remove caps.
3. Cut out and discard bruised spots, if needed.
4. Thoroughly crush berries one layer at a time in a deep baking pan or cookie sheet using a potato masher. It is helpful to place a damp dish towel or slip-proof mat under the pan to prevent sliding.
5. Premeasure 7 cups sugar into a bowl and set aside.
6. Measure 5 cups crushed strawberries and add to a stockpot.
7. Add 1 package of regular pectin to strawberries and stir well. Turn burner under stockpot to high heat, stir constantly, and bring to a full boil (bubbles over the entire surface).

8. Add the premeasured 7 cups sugar, continue stirring, and heat again to a full rolling boil. Boil hard for 1 minute, stirring constantly. Do not boil longer. Longer boiling may damage the pectin bond, causing jam to soften.
9. Remove from heat; quickly skim foam from top with a slotted spoon.
10. Remove hot jars from canner and fill as directed in **Boiling Water Canning**, leaving ¼-inch headspace. Use a jar funnel for neater filling and check and adjust headspace if needed. Wipe jar rims and apply lids.
11. Process in a boiling water canner as directed in **Boiling Water Canning**. Process half-pint or 4-ounce jars for 10 minutes at altitudes up to 6,000 feet. If needed, 4-ounce jars can be stacked in the canner by placing a second rack on top of the first layer of jars and placing a second layer of jars on top of this rack. Make sure water is 1 to 2 inches above tops of all jars.

*For the fair:* Replace ring band on jar, if it was removed for storage. Complete 4-H Canning Label and affix to jar.

### Preserved Food Labels

<p><b>Product: Dried Apples</b> </p> <p>Date Packaged: _____</p>		
<p><b>Product: Salsa</b> </p> <p>Date canned: _____</p> <p><b>Which type of processing did you use?</b>  <input type="checkbox"/> Boiling Water Canner  <input type="checkbox"/> Pressure Canner</p>	<p><b>Product: Dill Pickles</b> </p> <p>Date canned: _____</p> <p><b>Which type of processing did you use?</b>  <input type="checkbox"/> Boiling Water Canner  <input type="checkbox"/> Pressure Canner</p>	<p><b>Product: Strawberry Jam</b> </p> <p>Date canned: _____</p> <p><b>Which type of processing did you use?</b>  <input type="checkbox"/> Boiling Water Canner  <input type="checkbox"/> Pressure Canner</p>
<p><b>Product: Green Beans</b> </p> <p>Date canned: _____</p> <p><b>When you packed the beans into the jar, did you use a raw pack or hot pack?</b>  <input type="checkbox"/> Raw Pack      <input type="checkbox"/> Hot Pack</p> <p><b>Which type of processing did you use?</b>  <input type="checkbox"/> Boiling Water Canner  <input type="checkbox"/> Pressure Canner</p>		

## Pressure Canning

Follow these general instructions for pressure canning Green Beans and other low-acid foods (vegetables, meats, poultry, and combination recipes).

### *Prepare canner and jars:*

1. Assemble equipment and ingredients.
2. Place rack into pressure canner. Add 2 to 3 inches of water and place on burner. Turn burner on medium-high to heat water in canner to 140°F (almost simmering) for a raw pack, or 180°F (simmering) for a hot pack.
3. Only use jars that were specifically made for home canning. (Do not re-use containers such as mayonnaise jars.) Use only the jar sizes specified in the recipe. Examine jars carefully. Discard any with cracks or chips in the rim. Examine ring bands and discard any with rust or bends.
4. Wash jars thoroughly in warm soapy water and rinse well. To keep jars warm until use, either fill jars with hot water and place upright in the canner or cover jars with hot water in a clean, drain-plugged sink.
5. Wash ring bands and prepare lids as instructed by the manufacturer.

### *Prepare the recipe:*

As directed for raw pack or hot pack.

### *Fill the jars:*

1. Remove jars from hot water with jar lifter and pour water out in sink (not in canner). Place jars upright on towel-covered countertop or rack.
2. Fill jars as directed in the recipe, leaving the required headspace. Headspace is the gap between the top of the food and the top of the jar rim. Measure headspace with headspace tool or ruler to ensure it is correct.
3. Remove air bubbles by slowly moving bubble freer or spatula gently in and out around the inside edge of each jar. Check headspace of each jar again and gently add or remove liquid with a small spoon, if needed.
4. Wipe jar rims with a clean, damp paper towel.
5. Apply lids according to manufacturer's directions. Turn band onto jars until fingertip tight. Fingertip tight is when you meet firm resistance as you turn the band onto the jar using your thumb and two fingers.

### *Pressure canner processing:*

1. Use a thermometer to check that the temperature of the water in the canner is as specified in the recipe (140°F for a raw pack; 180°F for a hot pack). Adjust burner higher or lower, if necessary.
2. Use a jar lifter to carefully place filled jars one at a time on the rack in the canner. Keep jars upright at all times. Water level will rise, but should not cover jar tops. Remove water if needed.
3. Place lid on canner and close tightly, but leave the weight off the vent port. Turn heat to high. Wait until you see steam form a funnel as it comes out of the vent port, and then set a timer for 10 minutes. Allow steam to escape for 10 minutes to vent the canner (remove excess air).

4. After the canner has vented for 10 minutes, place the weight or close the vent port to begin pressurizing the canner.
5. Determine how many pounds of pressure are needed for processing at your altitude. For a weighted gauge canner, this is 10 pounds at altitudes of 1,000 feet and below; 15 pounds at altitudes above 1,000 feet. For a dial gauge canner, it is 11 pounds at altitudes of 2,000 feet and below; 12 pounds at altitudes of 2,001 to 4,000 feet; or 13 pounds at altitudes of 4,001 to 6,000 feet.
6. Wait until you can see and hear the weight steadily jiggling as recommended by the manufacturer (for a weighted gauge canner) or the dial indicates the recommended pressure (for a dial gauge canner). Set the timer for the processing time specified in the recipe. Once the recommended pressure is reached, you may lower the heat very slightly so that pressure does not rise too high, but be careful. *If at any time the pressure drops below the recommended level, you must bring the canner back to pressure and reset the timer to the full recommended processing time.*
7. When the timer sounds, turn off the heat. Allow the canner pressure to drop naturally as the canner cools. Wait until the pressure returns to 0 pounds (if the canner has a vent lock, it will drop) and then wait 2 more minutes. If the canner gives no indication of the remaining pressure, set a timer for 45 minutes to allow time for the pressure to drop to zero. Carefully check that the pressure is gone before removing the weight from the vent port.
8. After removing the weight, wait 10 minutes for the contents of the jars to settle. Remove the canner lid, lifting the underside of the lid away from you to direct the steam away from your face.
9. Remove jars from the canner one at a time using a jar lifter, keeping them upright. Be careful not to tilt them. Place jars at least 1 inch apart on a dry towel or cake-cooling rack. Place away from drafts of moving air.
10. Let jars cool, undisturbed, for 12 to 24 hours. Check jars for vacuum seals. The lids on sealed jars will be indented and will not flex when pressed.
11. Remove ring bands from sealed jars and wipe jars. Store in a cool, dark, dry place. Store unsealed or opened jars in the refrigerator and eat within one week.

## Green Beans

Recipe is from the **Put It Up! Food Preservation for Youth** curriculum from the National Center for Home Food Processing and Preservation, University of Georgia Cooperative Extension and Clemson Cooperative Extension.

8 to 9 pounds green beans ( $\frac{3}{4}$  to 1 pound per pint)

9 cups water

4½ teaspoons canning salt (optional)

About 9 pint canning jars

1. Prepare the canner and jars as directed in **Pressure Canning**, heating to 140 °F (just below simmering) for a raw pack or 180°F (simmering) for a hot pack. See step 5, below.
2. Fill a large saucepan with 9 cups water to be used to fill jars. Cover saucepan with lid and turn heat on high to bring to a boil.



3. Use a colander to rinse beans. Discard any discolored or diseased bean pods.
4. Use your clean hands to snap the ends off the beans, and then snap the beans into 1-inch pieces. Or, use a small knife to cut off ends and slice into 1-inch pieces.
5. Green beans can be canned using either a raw pack or a hot pack. Raw packs are quicker, but hot packs tend to have the best color and flavor. *Choose one of the packs below for filling jars and process as directed.*

*Raw Pack:*

6. Remove jars from hot water as directed in **Pressure Canning**, pouring the water out in the sink (not in the canner).
7. Use a jar funnel and clean fingers to push raw beans tightly into hot jars, leaving 1-inch headspace.
8. Add ½ teaspoon salt to each jar, if desired.
9. Using a ladle, fill each jar with boiling hot water to cover beans, leaving 1-inch headspace.
10. Remove air bubbles and adjust headspace if needed, as directed in **Pressure Canning**. Wipe jar rims and apply lids.
11. Process pint jars for 20 minutes in a pressure canner, as directed in **Pressure Canning**. Be sure to vent the canner before pressurizing and use the correct processing pressure for your altitude and type of canner.






**OR**

*Hot Pack:*

6. Place beans into the boiling water in the saucepan for 5 minutes. Turn off heat.
7. Remove jars from hot water as directed in **Pressure Canning**, pouring the water out in the sink (not in the canner).
8. Use a jar funnel and slotted spoon to fill the hot jar with the heated beans, leaving 1-inch headspace. Repeat to fill each jar.
9. Add ½ teaspoon salt to each jar, if desired. Using a ladle, fill each jar with the boiling hot cooking liquid to cover the beans, leaving 1-inch headspace.
10. Remove air bubbles and adjust headspace if needed, as directed in **Pressure Canning**. Wipe jar rims and apply lids.
11. Process pint jars for 20 minutes in a pressure canner, as directed in **Pressure Canning**. Be sure to vent the canner before pressurizing and use the correct processing pressure for your altitude and type of canner.

*For the fair:* Replace ring band on jar, if it was removed for storage. Complete 4-H Canning Label and affix to jar.

## Preserved Food Labels

<p><b>Product: Dried Apples</b> </p> <p>Date Packaged: _____</p>		
<p><b>Product: Salsa</b> </p> <p>Date canned: _____</p> <p><b>Which type of processing did you use?</b>  <input type="checkbox"/> Boiling Water Canner  <input type="checkbox"/> Pressure Canner</p>	<p><b>Product: Dill Pickles</b> </p> <p>Date canned: _____</p> <p><b>Which type of processing did you use?</b>  <input type="checkbox"/> Boiling Water Canner  <input type="checkbox"/> Pressure Canner</p>	<p><b>Product: Strawberry Jam</b> </p> <p>Date canned: _____</p> <p><b>Which type of processing did you use?</b>  <input type="checkbox"/> Boiling Water Canner  <input type="checkbox"/> Pressure Canner</p>
<p><b>Product: Green Beans</b> </p> <p>Date canned: _____</p> <p><b>When you packed the beans into the jar, did you use a raw pack or hot pack?</b>  <input type="checkbox"/> Raw Pack      <input type="checkbox"/> Hot Pack</p> <p><b>Which type of processing did you use?</b>  <input type="checkbox"/> Boiling Water Canner  <input type="checkbox"/> Pressure Canner</p>		

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**DIVISION 6027 - 4-H FORESTRY**  
**Laurie Taylor Thomas**  
Area Extension Specialist in Forestry  
216B Thomas Poe Cooper Building  
Lexington, KY 40546-0073

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

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

**FIRST YEAR**

- 703 Leaf Collection  
Collection of 10 leaves representing 10 forest trees found in Kentucky. Mounting instructions in the forestry book, "4-H Forestry Project Unit I - Introducing Yourself to Trees" (4DF-01PA or most recent version) Activity #1 are to be followed.
- 704 Leaf Print Collection  
Collect and print 10 leaves representing 10 forest trees found in Kentucky. Instructions in the forestry book, "4-H Forestry Project Unit I - Introducing Yourself to Trees" (4DF-01PA or most recent version) Activity #2 are to be followed.

**SECOND YEAR**

- 705 Leaf Collection-2nd year  
Collection of 20 leaves representing 20 forest trees found in Kentucky. Mounting instructions in the forestry book, "4-H Forestry Project Unit I - Introducing Yourself to Trees" (4DF-01PA or most recent version) Activity #1 are to be followed.
- 706 Educational Exhibit  
Develop a creative educational exhibit on some phase of forestry. The exhibit may utilize any visual technique. The total exhibit is not to exceed dimensions of 2' x 2', or four (4) square feet.

**THIRD YEAR AND OVER**

- 707 Educational Exhibit  
Develop a creative educational exhibit on some phase of forestry. The exhibit may utilize any visual technique. The total is not to exceed dimensions of 3'x3', or nine (9) square feet.
- 708 Stem, Leaf, Fruit display  
Collect and mount 5 stems, leaves and fruit representing 5 forest trees found in Kentucky. **Follow closely the instructions in the forestry book**, "4-H Forestry Project Unit I - Introducing Yourself to Trees" (4DF-01PA or most recent version) Activity #3 is to be followed, including the 2' x 3' **exact** size.
- 709 Leaf Collection-3rd year  
Collection of 50 leaves representing 50 forest trees found in Kentucky. Mounting Instructions in "4-H Forestry Project Unit 1 - Introducing Yourself to Trees" (4DF-01PA or most recent version) Activity #1 are to be followed.



**DIVISION 6028 – GEOLOGY**  
**Dr. Steve Greb – Consultant**  
Kentucky Geological Survey  
228 Mining and Mineral Resources Bldg.  
University of Kentucky  
Lexington, KY 40506-0107  
859-323-0503

Project entry must meet all the requirements for the class; otherwise, the entry may be disqualified. County agents should make sure that 4-H collections meet these requirements.

1. See General Rules applying to all 4-H exhibitors and general rules applying to all exhibits other than livestock listed previously in this catalog.
2. Only one entry per 4-H member permitted in Geology.
3. Only one entry per county per project year.
4. 4LO-1150 Identification Card should be securely attached to the lower right hand corner of the front of the box.
5. To fit into the State Fair display shelves, display boxes must be no less than 14 inches and no more than 17 inches vertically and no less than 16 inches and no more than 24 inches horizontally. The depth of the display boxes should be no more than 4 inches. NOTE: The size of the display box has changed from previous years. If you are using an old display box for your collection, note that the display will not be disqualified for 2020 but points may be deducted.
6. All boxes must have Plexiglas cover that can be easily removed for judging.
7. Each exhibit must be secured with a lock. Attach a key to the box with your name and county firmly attached to key. Key will be returned to 4-H agent. Keep another key in case State Fair key is misplaced.
8. Hinges and locks must be flush and mounted on sides or top of boxes so boxes will sit level.
9. If fabric is used, use a fabric glue to adhere entire piece of fabric to box. Suggested fabrics are felt or velveteen.
10. Rocks, minerals, and fossils should be firmly attached to the box. See Rule 12 for label information.
11. Boxes will be displayed on their side, not flat. Therefore, larger specimens must be attached near the lower portion of the box.
12. Rock, Mineral, and Fossil Identification Labels are available from the County Extension Agent for 4-H or 4-H the Kentucky Geological Survey (KGS) website (<http://www.uky.edu/KGS/education/4H.htm>). These are the only labels acceptable.

13. Specimens that are polished may lose points.
14. Exhibits may be disqualified for class champion if:
- Box does not fit in the size stated in rule 5
  - Box contains too few or too many specimens
  - Box does not have a Plexiglas cover that can be opened
  - Labels are not correctly filled out (see instructions and examples at the KGS website <http://www.uky.edu/KGS/education/4H.htm>).
  - Specimen is mounted jewelry
  - The specimen is not clearly numbered on the label (the judge is unable to determine which specimen goes with which label).
  - Specimens are not arranged in numerical order
  - Duplicate specimens are used to reach minimum number. However, varieties of the same rock or mineral are acceptable if the specimen is identified by a different name (i.e., quartz, smoky quartz, amethyst, agate, chert, flint or calcite, Iceland spar, aragonite, travertine). Also acceptable if the duplicate specimen has an adjective in front of the specimen (i.e., calcite, red calcite, or limestone, fossiliferous limestone, oolitic limestone). If each entry in that class has duplicate named specimens, then each entry may qualify for class champion, but will not be eligible for grand champion.
14. The following score card will be used to judge geology exhibits:
- Correct identification and labeling - 5 points for each specimen (Collections will be judged more favorably that have different types of specimens, rather than many different varieties of the same rock, mineral, or fossil; i.e., gray limestone, light gray limestone, dark gray limestone, or red calcite, blue calcite, green calcite).
  - Cards/specimen: 1 point each that each specimen has the label completely filled out, along with specimen number.
  - Found on site: Since this is an exercise in becoming familiar with rocks, minerals, and fossils, an extra 1 point will be given for specimens that are found rather than purchased or given as gifts. (Be sure to ask permission if you have to enter private property. The Internet is a good place to search for rock clubs and geological surveys of your and other states for information on collecting localities.)
  - Neatness, arrangements, background - 20 points for total exhibit
15. Class champion will be selected in each class with a Grand Champion and Reserve Grand Champion selected from Class Champions.
16. 4-H'ers entering fifth year and up cannot enter the same exhibit that has been judged in any previous State Fair.

Class information is provided on next page.



**Classes Are:**

*For each of the classes, specimens may consist of rocks, minerals, and or fossils. There is a separate label for rocks, minerals, and/or fossils (three different labels). Label and label instructions are available at the Kentucky Geological Survey website at <http://www.uky.edu/KGS/education/4H.htm>.*

- 715 First year geology - consisting of 15 different specimens.
- 716 Second year Geology - consisting of 25 different specimens (up to 12 may be from previous project year; no more than 2 boxes)
- 717 Third Year Geology - consisting of 35 different specimens (up to 17 may be from previous project year; no more than 2 boxes)
- 718 Fourth Year Geology - consisting of 50 different specimens (up to 25 may be from previous project year; no more than 2 boxes)
- 719 Special collection for fifth year or more members - creative, advanced display of member's choosing which depicts a geological process, theme, story, or manufacturing process. Posters, notebooks and written narratives may be included.

Revised 9/2019



## DIVISION 6039 - 4-H HOME ENVIRONMENT

Isaac Hilpp – Senior Extension Specialist for 4-H Youth Development

1. **Classes in Division:** Classes 887-913
2. **Number of Entries Permitted:**
  - a. County may submit ONE entry per class.
  - b. A member may enter up to two classes within ONE of the Units I through Advanced and one class in Changing Spaces in the Home Environment Division. (This means: a member's name could appear a total of three times in Home Environment--up to two times in ONE of the "units" and one time in "Changing Spaces" on the county's Home Environment Division invoice sheet.)
3. **General Rules:**
  - a. See "General Rules Applying to All 4-H Exhibitors in the Kentucky State Fair" at [www.kystatefair.org](http://www.kystatefair.org). Click on "Competition," then "Premium Book", then "4-H Exhibits."
  - b. **Item must meet all requirements for the class;** otherwise, the entry will be disqualified.
  - c. Items entered must have been completed by the exhibitor within the current program year.
  - d. The decision of the judges is final.
4. **Unique Rules or Instructions:**
  - a. Exhibit must be in the unit in which the 4-Her is enrolled.
  - b. Only those entries that are properly labeled and documented will be considered for class champion.
  - c. Items normally hung on the wall, such as pictures and bulletin boards, must be ready to hang with appropriate hardware permanently attached. Items will be exhibited on a wall made of metal grids using S hooks, binder clips or zip ties. Entries mounted on mat or foam core board do not require hardware; they will be hung on the wall using binder clips.
  - d. "Refinished" item refers to an item already in use which has been given a new finish using paint or some type of seal.
5. **Additional Documentation Required:**
  - a. The following classes require documentation: 894, 895, and 897-913. Read class description carefully.
  - b. Write the member's name, county, and class number on the front of the sheet, folder or notebook of documentation. Attach documentation to item with a safety pin or binder clip.
6. **Labeling:**
  - a. Identification Card (4LO-11SO): The State Fair Entry system will generate this label. Attach it in the most visible place on the exhibit, preferably on the lower right-hand corner. Labels may be securely taped, attached with a rubber band through a hole in the corner or safety pinned (fabric items). Do NOT use straight pins.
  - b. Small label: To insure that all parts of the exhibit make it back to the county, "hide" a small label (with a minimum of the county name) on EVERY part that might become separated from others; these should not be visible to the public when displayed.
7. **Entry Instructions:** All exhibits are entered through the State Fair's electronic submission system by the county Extension staff.
8. **Awards:**
  - a. Each entry that meets the class requirements will receive a ribbon.
  - b. A champion will be named in each class.
  - c. An overall grand champion and a reserve champion will be selected.
9. **Class Descriptions:** 4-H Home Environment entries may be made in the following classes:



## Unit I EXHIBITS 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** (p.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) designed and created 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 EXHIBITS 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 EXHIBITS 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 EXHIBITS 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:

- 910A **Color Wheel Collage**  
This exhibit will incorporate the color wheel in some way. 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.
- 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.
- 910C **Bubble Diagram for home**  
Bubble diagrams are sketches that help identify and prioritize areas in and around the home that should be included in the plan and how traffic and light flows from one space into other. These diagrams are used at the preliminary phase of the design process. This exhibit will include two parts: 1) a mounted color bubble diagram for a home and surrounding space. Each bubble should be labeled according to the spaces intended use. Include arrows or lines to signify the flow of traffic between spaces. 2) a folder of the following documentation. 1. What are the central bubbles in your diagram and why? 2. What style of home best aligns with your bubble diagram, and 3. A legend with color coding, explanation of arrows or lines and other items that show up on your bubble diagram.
- 910D **Bubble diagram for Commercial**

Bubble diagrams are sketches that help identify and prioritize areas in and around the space that should be included in the plan and how traffic and light flows from one space into other. These diagrams are used at the preliminary phase of the design process. The needs of commercial spaces are very different the residential. This exhibit will include two parts: 1) a mounted color bubble diagram for a commercial space and surrounding area selected by the youth. Each bubble should be labeled according to the spaces intended use. Include arrows or lines to signify the flow of traffic between spaces. 2) a folder of the following documentation. 1. What type of commercial space did you choose? 2. What are the central bubbles in your diagram and why? 3. A legend with color coding, explanation of arrows or lines and other items that show up on your bubble diagram.

#### **910E Storage analysis**

An important part of any home that is often overlooked is storage. Storage should account for 10-15% of the total area of the home. For this exhibit you will create or select a floorplan and highlight the storage spaces. You will then calculate what percentage of sq. feet in the home is dedicated to storage. Your exhibit should include the mounted floorplan with highlighted storage areas, the total Sq. Feet of the home, the Sq. Feet of the storage areas, and the percentage of Sq. Feet that is dedicated to storage.

#### **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?

#### **911C Commercial Floor Plan**

This exhibit is to be made up of two parts: 1) mounted floor plan for a commercial space of the young person choice and 2) folder of the documentation described below. Include all of the spaces that would be needed in the industry chosen for this project. 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. Did you consider how folks who are disabled (for instance, a wheelchair user) might get around this space?

#### **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

#### **912B Presentation Board- Floor plan & Color Scheme for Bedroom**

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 includes a floor plan (with placement of furniture) and color scheme for a bedroom. (scale: 1 square = 1 foot). Include a door(s), window(s), and furniture. On mat or foam board, mount the floor plan and 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." In the folder, describe the decisions required in selecting the color scheme, flooring, wall, and window treatments; describe the furniture and how

the furniture was arranged to accommodate traffic flow; describe the floor, wall, and window treatments selected, etc.; and describe what you like most about the room.

**912C Presentation Board- Floor Plan & Color Scheme for Great Room or Family 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 includes a room floor plan (with placement of furniture) and color scheme for a great room/family room. (scale: 1 square = 1 foot). Include a door(s), window(s), and furniture. On mat or foam board, mount the floor plan and 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." In the folder, 1. A description of the decisions required in selecting the color scheme, flooring, wall, and window treatments; describe the furniture and how the furniture was arranged to accommodate traffic flow; describe the floor, wall, and window treatments selected, etc.; and describe what you like most about the room.

**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.



## DIVISION 6015 4-H HORTICULTURE & PLANT SCIENCE

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

1. A class of exhibits representing the horticulture and plant science projects will be included in the Kentucky State Fair. Entries will be limited to one project per class from each county. 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. However, because of low light, air conditioning, etc., no guarantee can be made that the plants will be returned in their original condition. Plants are entered at the risk of the exhibitor.
  - f. Vegetable entries should be fresh, with the label on top of exhibit. Do not stick toothpicks in produce.

Securely attach the 4-H Identification Card to the exhibit in a location which can be seen by the public once the item is placed or displayed. Attach neatly with tape; punch a hole in the corner of the ID tag and attach with a string or rubber band; or attach card to a floral pick and insert in the pot.

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

- 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 Display: Youth should NOT use garden soil in containers. Use well-drained, disease-free potting media 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
- 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 (minimum of five types). Any size or type 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. Vegetables will not be returned to exhibitor. 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, cherry (5 per plate) Must be ripe (red or yellow color only) type
- 576 Tomato, beef steak (5 per plate)
- 577 Tomato, heirloom (5 per plate)
- 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)

\* Place ears of corn in a tote or plastic bag (such as a grocery bag). Sealed plastic bags (such as Ziplock bags) are not recommended because the sealed bags can cause the corn to mold and have a bad odor.

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)



## Division 6023 - 4-H LAWN MOWER OPERATORS CONTEST

Monday, August 21, 2023

Check-in 1:00 p.m.

Event Begins 1:30 p.m.

Location - Gravel Parking Area Inside Gate 4

**Torey Earle, Extension Specialist for 4-H Youth Development**  
**tearle@uky.edu**

1. Two entries per **District** in each of the divisions (Two Junior and Two Senior) are allowed.
  2. Zero-turn radius mowers with gasoline engines will be used.
  3. The event will include a written quiz with emphasis on safety and operation and a driving skills test over a prescribed course.
  4. In case of electrical storms, the driving part of this contest may be delayed up to a maximum of one hour. If at that time it is determined that cancellation is necessary, written test scores will determine placing. The driving part of this event will not be rescheduled on any other date. In the event of a tie in the Senior Division, the oldest 4-H'er will be selected.
  5. The 4-H Lawn Tractor Operators Contest will be conducted **according to the rules**, driving course and score sheets as set forth in the 4-H guide, "Instructions for the Kentucky 4-H Lawn Tractor Event", (revised 2000/01 - available in County Extension Office). **To drive in the contest the operator must be of sufficient physical size to safely operate all foot and hand controls from the operator's seat.**
  6. As this event is held in an isolated area, participants should bring lawn chairs, tent canopies and something cool to drink. No water, soft drinks or food are available at the site of contest. Families should provide their own umbrellas and rainwear, if needed, during inclement weather.
  7. **All 4-H participants must be registered through the electronic entry system with the State Fair Entry Department by the deadline. Please refer to General Rules applying to 4-H exhibits listed previously in this catalog. No entries will be accepted on the day of the event.**
- 670 Junior Division - ages 9-13 as of January 1 of the current year.  
671 Senior Division - ages 14-18 as of January 1 of the current year.  
672 National Engineering Event if available. \$150 will be paid to Kentucky 4-H Foundation and used for partial expenses for the senior winner to participate in a national event.

rev 26 October 2021







## **DIVISION 6041 – 4-H LEADERSHIP**

### **Dr. Rachel Noble 4-H Youth Development Specialists**

1. See General Rules applying to all 4H exhibitors and general rules applying to all 4H exhibits other than livestock.
2. Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified.
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.
4. 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. The 4-H ID card (4LO-11SO) should be securely attached to the outside lower right corner of the outside cover. Inside, clearly indicate the pages that are to be judged. If the pages to be judged are not clearly marked then the last 2-4 pages of the book will be reviewed.
  - d. **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.
5. Exhibitors must be registered electronically through the State Fair Entry Department by the August deadline.
6. One exhibit per county per class. Exhibits that do not meet the established criteria will not be considered for judging.
7. An exhibitor is limited to one set of record pages in each division for a total of three (3) entries.
8. Counties are limited to one (1) entry in the Club Scrapbook division.
9. 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.
10. Refer to the class entry to determine the required number of pages.
11. 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.
12. The Leadership Project should contain the following:
  - a. 2 or more photos on each page;
  - b. Each photo should be explained with captions (see #9);
  - c. 1-2 paragraphs of narrative (see #9) on one of the pages;
  - d. No additional pages of narrative are needed



11. Photos can be taken by the 4-Her or another person. The pictures should clearly address the Leadership or Communication project that is selected. Pictures may be cropped as desired.
12. 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.
13. A class champion will be selected for each individual class. A grand champion will be selected from the Leadership entries.
14. Entries that do not meet the established criteria (see #10) may not be judged.

#### **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-C SECRETARY SCRAPBOOK**

- 929 4-H Club Scrapbook – Using pictures and captions tell about your 4-H Clubs year focusing on leadership, communications and community service activities. (No limit on page numbers)

10/ 2021



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 4-H Youth Development

## DIVISION 6041.1 – 4-H 21<sup>st</sup> Century Skills Dr. Charles Stamper – 4-H Youth Development Specialist

1. See General Rules applying to all 4H exhibitors and general rules applying to all 4H exhibits other than livestock.
2. Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified.
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.
4. Exhibits MUST correspond to:
  - a. Any project or activity from the <https://4-h.ca.uky.edu/rq/workforce-prep> curriculum.
  - b. Only pages relevant to project are needed. Additional pages are allowed but will not be considered by the judges.
  - c. The 4-H ID card (4LO-11SO) should be securely attached to the outside lower right corner of the outside cover.
5. Exhibitors must be registered electronically through the State Fair Entry Department by the August deadline.
6. One exhibit per county per class. Exhibits that do not meet the established criteria will not be considered for judging.
7. An exhibitor is limited to one set of record pages in each division for a total of three (3) entries.
8. Refer to the class entry to determine the required number of pages.
9. Pages will be scored on: see description under instructions.
9. Entries that do not meet the established criteria may not be judged.

### 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 21<sup>st</sup> 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.



925. 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/rq/workforce-prep>

925 A. Junior Division (Grades 4-8):  
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.



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## DIVISION 6041.2 – 4-H Civic Engagement/ Service Learning

1. See General Rules applying to all 4H exhibitors and general rules applying to all 4H exhibits other than livestock.
2. Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified.
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.
4. 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.
  - c. The 4-H ID card (4LO-11SO) should be securely attached to the outside lower right corner of the outside cover.
5. Exhibitors must be registered electronically through the State Fair Entry Department by the August deadline.
6. One exhibit per county per class. Exhibits that do not meet the established criteria will not be considered for judging.
7. An exhibitor is limited to one set of record pages in each division for a total of three (3) entries.
8. Refer to the class entry to determine the required number of pages.
9. Pages will be scored on: see specific guidelines below.
9. Entries that do not meet the established criteria may not be judged.

### 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 Title

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

Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, or physical or mental disability. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.  
LEXINGTON, KY 40546



Disabilities  
accommodated  
with prior notification.

#### 926 Junior Division Civic Engagement and Service

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.

#### 926 A Senior Division Civic Engagement and Service

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

- is conducted in and meets the needs of a community;
- is coordinated with a community service program, and with the community; and
- 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.

## DIVISION 6033 - 4-H Needlework Department

### Isaac Hillpp, Senior Extension Specialist for 4-H Youth Development

1. **Classes in Division:** Classes 813A—838 (40 classes) (classes are not restricted to specific ages)
2. **Number of Entries Permitted:**
  - a. County may submit ONE entry per class.
  - b. Member may enter ONE class per category (categories are crochet, knitting, tatting, embroidery, and quilting) in the Needlework Division. (This means: a member's name may appear only one time under each category on the county's Needlework Division invoice sheet.)
3. **General Rules:**
  - a. See "General Rules Applying to All 4-H Exhibitors in the Kentucky State Fair" at [www.kystatefair.org](http://www.kystatefair.org). Click on "Compete," then "Premium Book", then "4-H Exhibits."
  - b. **Item must meet all requirements for the class;** otherwise, the entry will be disqualified.
  - c. Items entered must have been completed by the exhibitor within the current program year.
  - d. The decision of the judges is final.
4. **Unique Rules or Instructions:**
  - a. Items must be "handmade" by the 4-H member. Items knit with a knitting machine or loom are not permitted.
5. **Additional Documentation Required:**
  - a. 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. Patterns will be returned in county packets.
6. **Labeling:**
  - a. Identification Card (4LO-11SO): The State Fair Entry system will generate this label. Safety pin the ID card to the outside of the item for public viewing.
  - b. Small label: When the exhibit has multiple articles, safety pin a label with at least the county name to the inside of each article. Do not use straight pins. This label is needed in case multiple items become separated.
7. **Entry Instructions:** All exhibits are entered through the State Fair's electronic submission system by the county Extension staff.
8. **Awards:**
  - a. Each entry that meets class requirements will receive a ribbon.
  - b. A champion will be named in each class.
  - c. An overall grand champion and a reserve champion will be selected.

## CROCHET Category

- 813 **Small Crochet Item(s) made of medium (4) weight yarn:** Must include rows of single, half double and/or double crochet stitches. Such as: scarf, purse, belt, hat, pillow, two wash cloths (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 of single, half double and/or double crochet stitches. Such as: afghan, shawl, or vest.
- 815 **Crochet Item made entirely with novelty yarn:** Do not use standard medium (4) weight yarn. Must include rows of single, half double, and/or double crochet stitches: Such as: scarf, purse, belt, hat, pillow, pair of slippers, afghan, shawl, or vest. Scarf must be at least 24" long. Novelty yarn is any yarn other than medium (4) worsted weight yarn.
- 816 **Crocheted Item made using the Granny Square technique:** May use any weight yarn; single or multiple colors of yarn. Such as: purse, shawl, afghan, or hat.
- 817 **Crocheted 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 in alternating rows (stripes). Scarf must be at least 24" long.
- 818 **Crochet 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 Category

*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 stitchery 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 such as "Redwork," using red floss. Must use the stem stitch and have an embroidered area equivalent to 3X3 inches or larger.
- 822 **Stamped Cross Stitch:** Cross stitched design stamped (printed/drawn) on plain woven fabric and have an embroidered area equivalent to 3X3 inches or 2" x 16" border or larger.



### Multiple Types of Embroidery Stitches:

- 823 **Candlewicking:** Candlewicking design stamped on plain woven fabric. Must include stem/outline, satin and colonial knot stitches and have an embroidered area equivalent to 3X3 inches or larger.
- 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 3X3 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 3X3 inches or larger. Embroidery may embellish design lines on the item.

### Charted Embroidery Using Large Cross or Snowflake Stitches:

- 826 **Cross Stitch on Gingham:** Cross stitch on 1/4-inch gingham and have an embroidered area equivalent to 5 x 7 inches or larger.
- 827 **Counted Cross Stitch on 11 Count Aida Cloth:** Must 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 ¼ inch or smaller checked gingham fabric. Must have an embroidered area equivalent to 5 x 7 inches or larger.

### Crewel Embroidery:

- 829 **Crewel Embroidery:** Crewel embroidery design on linen or cotton twill fabric using crewel or Persian Yarn: Must have an embroidered area equivalent to 5 x 7 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:** Huck embroidery on huck towel/toweling creating a minimum 2-inch wide border design.
- 833 **Swedish Weaving:** 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.
- 836 **English Smocking:** Smocked area must be equivalent to 4 x 6 inches or larger. Design must include at least 5 different smocking/embroidery stitches.

## KNITTING Category

*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. Solid color yarn only (no variegated yarn or color change is acceptable). 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.
- 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 mittens, etc.
- 839 **Larger/simple knitted item(s)**: Items such as a pair of mittens; pair of slippers, shawl, cowl, or afghan 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, 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). 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, etc.
- 844 **Knitted project focused on Textural Design**: Exhibit one item or pair of items using charted designs 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), shawl, holiday stocking, purse, pair of socks, sweater.

## QUILTING Category

*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:*
  - Stitched and turned- Backing is placed right sides together with top, stitched and turned. Opening is sewn closed. No binding needed.*
  - Self-binding-Backing is brought to the front, folded, and stitched to the quilt.*
  - Applied binding- Separate binding applied with mitered corners.*
  - Decorative stitched edge- optional for Class #851, #856 and #858 only.*
- 3. Quilting – minimum 4" apart, unless otherwise indicated in class description using the following methods:*
  - Hand tack*
  - Hand quilt*
  - 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". Quilting lines can be up to 8" apart. 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 to 6" apart. 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". Quilting lines can be up to 6" apart. Stitch and turn or self-binding suggested. Suitable for advanced beginner.
- 848 Quilt-As-You-Go Quilt:** 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. Perimeter size a minimum 100" and a maximum size of 200".
- 851 Squares or Strips Precut:** Sew a top using pre-cut squares (2½" or 5"), 2½" x 42" (WOF) strips or a combination of these. Applied binding with mitered corners. Perimeter not to exceed 160".
- 852 Appliquè: Pillow with appliquè:** Choose a pattern to applique by hand or any machine stitch onto a background. Raw edge applique is acceptable Finish into a 14" or 16" pillow. Quilting as appropriate for the piece.
- 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. 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. Minimum perimeter size 48" but not to exceed perimeter of 160".

## Division 6030 – 4-H PHOTOGRAPHY

Jennifer Tackett, 4-H and Youth Development Specialist

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 (i.e. Focus on Photography, Controlling the Image and Mastering Photography). Then the classes are organized into the Kentucky Core Curriculum.
  - 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: 4-Hers can enter 6 classes 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. **Photos (except horticulture classes) must include the following a description. The description must be typed, on white paper or label 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 photograph, or DSLR); If using Point and Shoot or DSLR camera, please list specific Lens, Tripod, Trigger Release, Lighting, etc...)**
    - **Skill Applied from 4-H Photography Curriculum [specific page from curricula guide should be listed]**
  - k. Absolutely nothing on front of mat board except photographs, 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 and canvas can be displayed utilizing binder clips.
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.

## 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 Modern or Historic Practices – 1-5 photograph(s) showing a singular, comparison, or advancement in an agriculture practice.

## 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 completed** 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.***

**NJHA Contest:** Entries in the following classes may also participate in the National Junior Horticulture Association Photography Exhibition. It is the responsibility of the individual to submit all required entry forms and follow all rules set out by NJHA organization to participate. States are not limited in the number of entries. See web site for details: [www.njha.org](http://www.njha.org)

## 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 Photography.***



## **DIVISION 6032 - 4-H SEWING**

### **Isaac Hilpp Senior Extension Specialist for 4-H Youth Development**

1. **Classes in Division:** twelve Junior Classes 790A-799B; eleven Senior Classes 800-810.
2. **Number of Entries Permitted:**
  - a. County may submit ONE entry per class.
  - b. A member may enter up to three classes within their age division in the Sewing Division. (This means: a member's name may appear up to three times in the junior age division or the senior age division but cannot appear in both age divisions on the county's Sewing Division invoice sheet.)
3. **General Rules:**
  - a. See "General Rules Applying to All 4-H Exhibitors in the Kentucky State Fair" at [www.kystatefair.org](http://www.kystatefair.org). Click on "Competition," then "Premium Book", then "4-H Exhibits."
  - b. **Item must meet all requirements for the class;** otherwise, the entry will be disqualified.
  - c. Items entered must have been completed by the exhibitor within the current program year.
  - d. The decision of the judges is final.
4. **Unique Rules or Instructions:**
  - a. Items must be "handmade"; no ready-to-wear/factory made items will be accepted for judging.
  - b. 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.
  - c. Send **NO additional** accessories or undergarment with any sewing entry unless it was constructed as a part of the project.
  - d. Specific number of items: In classes where there is to be a specified number of articles exhibited and the entry contains more, the judges will be instructed to have the agent who submits the article(s) make the decision on which item(s) are to be judged. In those cases where the situation was not discovered before entry was made, the article(s) to be judged will be left to the discretion of the judges.
  - e. 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 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.
5. **Additional Documentation Required:**
  - a. Documentation is required only in Junior Unit VI non-clothing option, Up Cycle Jr & Sr, and Smart Clothing Jr & Sr projects.
    - i. Documentation may be handwritten or printed by computer on 8.5" X 11" paper.
    - ii. Insert documentation into folder or plastic sheet protector. Attach it to the item using a safety pin or binder clip.
6. **Labeling:**
  - a. Identification Card (4IO-11SO): The State Fair Entry system will generate this label. Safety pin the ID card to the outside of the item for public viewing.
  - b. Small label: Safety pin a small label with at least the county name on it inside of each article. Do not use straight pins. This label is needed in case garments become separated.
7. **Entry Instructions:** All exhibits are entered through the State Fair's electronic submission system by the county Extension staff.
8. **Awards:**
  - a. Each entry that meets class requirements will receive a ribbon.
  - b. A champion will be named in each class.
  - c. An overall grand champion and reserve champion will be selected.
9. **Class Descriptions:**

## 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:

<http://www.ca.uky.edu/agc/pubs/4jd/4jd01pb/4jd01pb.pdf>, pages 3-20 and 55-56.

- 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. This class is for youth ages 9-13.*
- 790B Unit I Non Clothing Option: Apron OR drawstring backpack/shoulder bag OR tote bag with fabric handles OR a laundry bag. *Item must be made from woven fabric and include the following: straight machine stitching, appropriate visible seam finish, and a casing or machine stitched hem. 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:

<http://www.ca.uky.edu/agc/pubs/4jd/4jd01pb/4jd01pb.pdf>, pages 21-38 and 55-56.

- 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: Zippered tote bag/purse, garment bag, or duffel/gym bag. *Exhibit must be made from woven fabric and include the following: enclosed seams, appropriate seam finish, interfacing, and 14" or longer zipper. (Pre-quilted woven fabric and recycled woven fabric are acceptable fabric choices but use is not required.) 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: <http://www.ca.uky.edu/agc/pubs/4jd/4jd01pb/4jd01pb.pdf>, pages 39-52 and 55-56.

- 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 with lining, 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 Skills: Beginner skills; See Publication:

<http://www.ca.uky.edu/agc/pubs/4jd/4jd01pb/4jd01pb.pdf>, pages 45-48 and 55-56.

- 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. This class is for youth ages 9-13.*

**Unit V – Moving on Up: Intermediate skills;** See publication: [http://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/junior unit v moving on up.pdf](http://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/junior%20unit%20v%20moving%20on%20up.pdf)

**796** Unit V Moving on Up: one-piece complete 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. This class is for youth ages 9-13.

**Unit VI – Put it All Together;** See Publication: <http://www.ca.uky.edu/agc/pubs/4jd/4jd01pb/4jd01pb.pdf>, pp. 49-56.

**797** Unit VI Put It All Together Clothing Option: 2 or 3 piece complete coordinating outfit; such as warm up suit; 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. This class is for youth ages 9-13.*

**798** Unit VI Put It All Together Non-Clothing Option: Original design tote bag or bicycle carrier and documentation folder – made using Wild Ginger Software, Inc. **Wild Things!** Software program, download free at: <https://www.wildginger.com/products/wildthings.htm> . Select the “Tote Bag” or “Bicycle Carrier” option and design a bag that includes at least 2 pockets. Be creative with your design. Required elements: at least 2 pockets; minimum size of 12 inches in height and 12 inches in width. Item must have at least one 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, other type closure as design dictates [button(s), hook and loop tape, or snap(s)]. This class is for youth ages 9-13. **In the documentation include:** your name, your county, the name of the unit, class entered, number of years you have been sewing, cost, and the printed design sheets (one for each pocket selected) from the program, and answers to the following questions:

1. How did you choose the size of your tote bag? Did you use any of the default settings in the program?
2. Did you have any trouble using the software or printing your pattern? Explain
3. Did you download the Wild Things! Program to your home computer or use the program at your county extension office?
4. Did you make any changes to your pattern after it was printed? If so, tell what you changed.

**Unit: Up Cycle It!—for youth ages 9-13 with advanced sewing skills;** See publication: [https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/upcycle project jr and sr.pdf](https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/upcycle%20project%20jr%20and%20sr.pdf)

**799A** Up Cycle It! Junior—item sewn from recycled/repurposed garments and documentation folder: Sew a garment or fashion accessory from previously worn garments. Recycled fabric is to be the major component of the item. Recycled garments may be cast-offs from the member’s family/friends or purchased at a yard sale or similar low cost source. **Documentation is required.** In documentation include the following: your name, your county, the name of the unit, class entered, number of years you have been sewing; a **“before” photo** of all recycled items used; source of the recycled garment; how the design was created; and 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 9-13 with sewing skills.

**Unit: Style Engineers—for youth ages 9-13**

**799B** Smart Clothing and documentation: one soft circuit item created using conductive thread and hand sewing and/or machine sewing skills, LEDs, and battery pack. May include items such as an LED bracelet, an illuminating fashion applique, an illuminating fashion accessory, or an illuminating garment constructed by the member. **Documentation:** Attach a diagram of the circuitry in your item. Website: <http://styleengineers.org/module/smart-clothing/>. This class is for youth ages 9-13

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## Senior Division for 4-Hers, age 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- for ages 14-18.** (Ask your county 4-H agent for a copy or see publication: [http://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior\\_unit\\_1\\_a\\_lets\\_be\\_casual.pdf](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, simple pajamas, or robe. This class is for youth 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. This class is for youth ages 14-18.

**Unit: Dress It Up- for ages 14-18.** (Ask your county 4-H agent for a copy or see publication: [https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior\\_unit\\_1\\_b\\_dress\\_it\\_up\\_0.pdf](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. This class is for youth ages 14-18.

**Unit: Match It Up- for ages 14-18.** (Ask your county 4-H agent for a copy or see publication: [https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior\\_unit\\_1\\_c\\_match\\_it\\_up.pdf](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. This class is for youth ages 14-18.
- 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 14-inch or longer zipper. This class is for youth ages 14-18.

**Unit: Creative Expression for ages 14-18.** (Ask your county 4-H agent for a copy or see publication: [https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior\\_unit\\_1\\_d\\_creative\\_expressions.pdf](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:
- Halloween, theater, or historic costume
  - Uniform for medical profession, cheerleader, dancer, etc.
  - Riding apparel
- This class is for youth 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
  - Machine appliquéd specialty flag or decorative banner (minimum size 24 inches x 24 inches)
- This class is for youth ages 14-18.

**Unit: Leisure Time- for ages 14-18 with advanced skills.** (Ask your county 4-H agent for a copy or see publication: [https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior unit 2 a leisure time 1.pdf](https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior%20unit%20a%20leisure%20time%201.pdf))

- 807 **Leisure Time—Clothing Option:** 2 or 3 piece complete outfit. Choose from the following:
- Athletic wear such as leotard, cycling wear, warm-up suit, bathing suit and cover-up, tennis wear
  - Pajamas and robe (must use specialty fabric such as terry cloth, flannel, fleece, nylon tricot)
  - Raincoat and hat or rain suit
- This class is for youth ages 14-18.

**Unit: Formal Affair- for youth ages 14-18 with advanced skills.** (Ask your county 4-H agent for a copy or see publication: [https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior unit 2 b formal affair 2.pdf](https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior%20unit%20b%20formal%20affair%202.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. This class is for youth ages 14-18.

**Unit: Up Cycle It!—for youth ages 14-18 with advanced sewing skills;** See publication: [https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/upcycle project jr and sr.pdf](https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/upcycle%20project%20jr%20and%20sr.pdf)

- 809 **Up Cycle It! Senior—item** sewn from recycled/repurposed garments and documentation folder: Sew a garment or fashion accessory from previously worn garments. Recycled fabric is to be the major component of the item. Recycled garments may be cast-offs from the member's family/friends or purchased at a yard sale or similar low cost source. **Additional documentation is required.** In documentation include the following: your name, your county, the name of the unit, class entered, number of years you have been sewing; a **"before" photo** of all recycled items used; source of the recycled garment; how the design was created; and 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.

**Unit: Style Engineers—for youth ages 14-18**

- 810 **Smart Clothing and documentation:** one soft circuit item created using conductive thread and hand sewing and/or machine sewing skills, LEDs, and battery pack. May include items such as an LED bracelet, an illuminating fashion applique, an illuminating fashion accessory, or an illuminating garment constructed by the member. **Documentation:** Attach a diagram of the circuitry in your item. Website: <http://styleengineers.org/module/smart-clothing/>. This class is for youth ages 14-18.

Revised 10/14/22



**CAUTION: The 4-H tobacco exhibit rules and classes are determined by the state fair committee not the 4-H office; therefore, there could be changes to this category. This should be used only as a guide. The classes below are taken from the previous year's Kentucky State Fair catalog. The final decisions will not be made until June 2022 by the state fair board.**

**4-H TOBACCO EXHIBIT**  
**Division 2101 – Burley**  
**Division 2102 – Dark Stripped**  
**Division – 2103 – Green Stick & Potted Burley**

**4-H Tobacco will be received only on Monday, August 15, 2022  
for the 4-H Division in the West Hall.**

**Judging of tobacco exhibits will begin  
at 12:00 noon E.D.T. on Wednesday, August 17, 2022**

**NOTE: State Fair has dropped Tobacco Grading**

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

1. See General Rules applying to all 4-H Exhibitors and general rules applying to all exhibits other than livestock listed previously in this catalog.
2. There is no fee for entering 4-H tobacco.
3. Entries in 4-H tobacco must be made through the 4-H leader/agent.
4. It is the exhibitor's responsibility to make sure the entry online form is filled out correctly and tobacco is entered into the proper class by the August deadline.
5. All exhibits should be brought to the Tobacco Department in the West Hall. The department will be open for receiving 4-H tobacco on Monday (Exhibit Entry) before Fair opens from 9:00 a.m. to 2 p.m.
6. 4-H tobacco will be released to the Department of Agriculture on Monday after the fair closes from 9:00 a.m. to noon.
7. 4-H exhibitors are eligible to compete in only **one** division of the youth show (not 4-H AND FFA). However, they may compete in the Open Youth Class, provided they have separate entries for that class. Open class entries must be made by July 1 on open class (pink) entry forms.
8. Entries in 4-H tobacco are restricted to enrolled members of 4-H.
9. The Superintendent shall have the duty and authority to reject any entry that in his/her opinion is unworthy of entry.
10. Entries infected with insects or disease, or exhibiting server damage, shall be discarded at the discretion of the Superintendent.
11. An exhibitor may enter in any one or all different classes. However, one exhibitor is limited to **ONE** entry per class (Potted Plant, Green stick and Stripped Tobacco).

12. Each stick of green tobacco consists of 4 stalks per stick. The Superintendent and staff will NOT select a stalk to remove if 5 are included on the stick. It will be the duty of the agent/leader/exhibitor to select the stalk to remove.
13. 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. The Superintendent has the right to disqualify any stick entered into the green stick category that has cured beyond the green stage.
14. 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.
15. Each exhibit of stripped Burley tobacco shall consist of two (2) hands, each hand shall be made of twenty (20) leaves or more. The first, second, and third place entries in all stripped divisions will remain at the State Fair.
16. 4-H name tag for each exhibit of tobacco should be tied with string around the hands at entry.
17. 4-H will be awarded on the Danish system.

*4-H Exhibitor with highest total points is awarded the best exhibitor award and will receive an engraved plaque offered by the Kentucky Department of Agriculture. To be eligible, exhibitor must enter three of the following classes:*

Burley - Stripped  
 Burley - Best Crop  
 Green Stick Burley  
 Potted Burley

Dark Stripped  
 Green Stick - Dark  
 Dark - Best Crop  
 Potted Dark

## TOBACCO DIVISIONS AND CLASSES

### **Burley Division – Stripped**

**All 4-H Burley should be entered as Division 2101.**

#### **Class No.**

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

### **Burley - Best Crop**

#### **Class No.**

- 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. An engraved plaque will be awarded to the 4-H individual exhibiting the most outstanding entry in classes 5 through 8 and 15. In case of a tie, a point system will be used in awarding plaques.

### **Dark Tobacco**

**All 4-H Dark Tobacco should be entered as Division 2102.**

Entries shall be on an individual basis and must be produced by the exhibitor. One entry per individual is permitted and an entry shall consist of four grades: Wrappers, Heavy Brown Leaf, Dark Leaf, and Thin Brown Leaf. Samples entered in classes 16 through 23 shall not be considered for this division.

**Class No.**

26 4-H Best Crop  
(2 hands – 20 leaves each grade)

**4-H Class Green Dark Tobacco (By Sticks):**

**Class No.**

31 Dark

**Growing Dark Tobacco Plant**

**Class No.**

33 Best potted growing plant of Dark Tobacco, any type

**Green Stick and Potted Burley Tobacco should be entered as Division 2103.**

**4-H Class Green Tobacco (by sticks):**

**Class No.**

36 Burley

An engraved plaque will be awarded to the top 4-H exhibit in class 48.

**Class No.**

39 Best potted growing plant of Burley Tobacco

All potted plants will become the property of the Kentucky State Fair and after judging will be used as decorations throughout the Fair for promotion of the Tobacco Department.

Revised 9/2021





## Division 6042- Kentucky 4-H Trends

See General Rules applying to all 4-H exhibitors and general rules applying to 4-H exhibits listed previously in this catalog.

1. A county is limited to one entry per class. A member may enter up to 3 classes within the 4-H Trends Division. (This means: a member's name could appear in the same level up to 3 times on the county's Clover Division invoice sheet.)
2. All items must have been made since the last State Fair.
3. Each exhibit must be properly labeled. Place ID tag (4LO-11SO) in the most visible place on the exhibit, preferably on the lower right-hand corner. Labels may be securely taped, attached with a rubber band through a hole in the corner or safety pinned (fabric items). To insure that all parts of the exhibit make it back to the county, "hide" a small label (with a minimum of the county name) on EVERY parts that might become separated from others; these should not be visible to the public when displayed.
4. All photography classes with one photograph must be mounted on 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".
5. Each picture must be mounted securely. Rubber cement or dry mounting tissue is recommended. Do not use photo mounting corners.
6. All entries must follow the specifications and rules listed in their class in order to be named champion.
7. Junior division includes ages 9-13; Senior division includes ages 14-18.

### 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 and 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

### 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. Entries are limited to one entry per class per county.

1050 Junior Upcycling Project

1051 Senior Upcycling Project

#### 4-H 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.
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

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

#### Non Traditional Needlework

The objective for this class is for youth to learn the basic stitches of knitting either non traditional needles, arms, or looms.

1074 Junior loom knitting

1075 Senior loom knitting

1076 Junior arm knitting

1077 Senior arm knitting

Revised 10/21



## Division 6025 - 4-H WOOD SCIENCE

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

1. See General Rules applying to all 4-H exhibitors and general rules applying to 4-H exhibits other than livestock. Reference materials include the Ky. 4-H Wood Science Plans Notebook and the 4-H CCS Woodworking Wonders guides.
  2. Limit of one entry per county per class.
  3. An exhibitor may enter only one Wood Science class per year.
  4. Class Champions will be selected in each class and Grand Champion and Reserve Champion selected overall.
- 
- 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.)
  - 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.)
  - 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. If the exhibit does not include both the item and a folder containing photographic documentation, then the exhibit will be disqualified.
  - 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. If the exhibit does not include both the item and a folder containing photographic documentation, then the exhibit will be disqualified.
  - 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. If the exhibit does not include both the item and a folder containing photographic documentation, then the exhibit will be disqualified.

Revised 9/2019

**Class 41**  
**FFA SHOP**

- 4101. Workshop equipment (Tool boxes, etc.)
- 4102. Records
- 4103. Home crafts
- 4104. Wood projects (small)
- 4105. Wood projects (large) feeders \*\*
- 4106. Welding projects (small)
- 4107. Welding projects (large) \*\*
- 4108. Miscellaneous \*\*

**Class 42**  
**FFA HORTICULTURE EXHIBITS**

**POTTED FLOWERS/PLANTS**

- Exhibits shall consist of one or more plants of the same species.
- FFA members may exhibit only one potted plant in each class for potted plants.
- Plants must be labeled, including: name of plant (genus and species), student's name, and chapter name.
- Potted plants must be grown by the student exhibiting the plant.
- The plants and pots should be clean and well tended before they are entered.

- 4201. Low light foliage plants
- 4202. Cacti/Succulents

**FLORAL DESIGN**

- The design must be in a single container.
- The design must be the work of the exhibitor.
- Each exhibitor is allowed one entry per class.

- 4203. Artificial Flower Arrangements
- 4204. Live Flower Arrangements
- 4205. Terrarium
- 4206. Dish Garden
- 4207. Dried Flower Arrangement

LAUREL COUNTY  
**DRESS CODE FOR AG FAIR EXHIBITORS**



**Dress Code Guidelines for all Exhibitors:**

- Full-length pants, belts are strongly recommended. **NO SHORTS**
- Hard soled shoes or boots. **NO SANDALS**
- Shirts should have collars, sleeves and tucked in. **NO halter-tops or bare midriff.**

Animal	Dress Code	Equipment
Beef	Dark pants/jeans with back pocket, collared shirt with sleeves	Show stick, show halter, scotch comb
Swine	Dark pants/jeans with back pocket to carry hand brush, collared shirt with sleeves	Cane or driving stick, small hand brush
Goat Market - Dairy - white clothes	Dark pants/jeans, collared shirt with sleeves	Nylon or metal choker, no lead strap needed
Lamb	Dark pants/jeans, collared shirt with sleeves	No special equipment needed
Rabbit	Dark pants/jeans, collared shirt with sleeves-preferably WHITE	White show coat optional
Poultry	Dark pants/jeans, collared shirt with sleeves-preferably WHITE	White show coat optional