

4-H CLASSES

4-H ARTS AND CRAFTS

A 4-H member can enter in more than one class and/or division at the Ohio County Fair. Craft items made at the 2017 4-H Day Camp or 4-H Workshops (September 1, 2016 to August 31, 2017) may be entered in the following classes. Must get full details and rules from Extension Office.

CRAFTS CLASSES

AC-727	Junior Jewelry, no kits or pony beads
AC-728	Senior Jewelry, no kits or pony beads
AC-729	Junior Folk Art, no clothing
AC-730	Senior Folk Art, no clothing
AC-731	Junior Weaving, pair of place mats, pot holders or sm. Wall hanging, no plastic, baskets not included
AC-732	Senior Weaving, rug, belt, stool or wall hanging, no plastic, baskets not included
AC-733	Junior Nature Crafts, natural materials only, no kits
AC-734	Senior Nature Crafts, wall wreath or hand carved item, no kits
AC-735	Junior Basket Making, natural materials
AC-736	Senior Basket Making, natural materials
AC-737	Junior Leather Craft, kits allowed
AC-738	Senior Leather Craft, no kits allowed

CERAMIC CLASSES

AC-741	Junior Original Design Ceramics
AC-742	Senior Original Design Ceramics
AC-743	Junior Pre-Cast and Fired Ceramics
AC-744	Senior Pre-Cast and Fired Ceramics

ARTS CLASSES

AC-745	Junior Scrapbooking 1 page, 2-4 pictures, captions, plastic page protector
AC-746	Senior Scrapbooking 1 page, 2-4 pictures, captions, embellishments, plastic page protector
AC-747	Junior Decoupage
AC-748	Senior Decoupage
AC-749	Junior Paper Crafts
AC-750	Senior Paper Crafts
AC-751	Junior Acrylic/Oil Painting, no kits or paint by number
AC-752	Senior Acrylic/Oil Painting, no kits or paint by number
AC-753	Junior Watercolor Painting
AC-754	Senior Watercolor Painting
AC-755	Junior Color Drawing
AC-756	Senior Color Drawing
AC-757	Junior Black and White Drawing
AC-758	Senior Black and White Drawing

MISCELLANEOUS CRAFTS

Items made at 4-H workshops, 4-H day camp or 4-H camp fit here or in other classes above. *Items should be entered in the above classes first.*

AC-7511	Junior 4-H Poster 11"x14" poster
AC-7512	Senior 4-H Poster 11"x14" poster
AC-7513	4-H Camp Craft – made at 2016 4-H Camp

AC-7514	Creative Craft Using Recycled Items
AC-7515	Tie Dyed T Shirt
AC-7516	Wooden Scarecrow
AC-7517	Stenciled sign
AC-7518	Stepping stone
AC-7519	Beaded jewelry
AC-7520	Decoupage cabinet door
AC-7521	Chalkboard paint jar
AC-7522	Painted bottle
AC-7523	Fall wall hanging
AC-7524	Decorated Ball Jars
AC-7525	Wooden Holiday Tree
AC-7526	Ladder Frame
AC-7527	Wooden Bird Feeder

ELECTRICITY

MAGIC OF ELECTRICITY

EL-645	Battery powered series and parallel circuits (get instructions from Extension Office)
EL-646	Homemade Galvanometer
EL-647	Electromagnetic circuits
EL-648	Simple homemade DC Motor

INVESTIGATING ELECTRICITY

EL-649	Battery powered series or parallel circuits (get instructions from Extension Office)
EL-650	Original design soldered circuit project

WIRED FOR POWER

EL-651	Display of wire sizes and types with description & example of usage
EL-652	Simple household or farm use circuit
EL-653	Complex household or farm use circuit
EL-654	Table, desk, vanity, or floor lamps (any purpose-original design only, no pop can lamps)

ENTERING ELECTRONICS

EL-655	Basic electronic circuits without solid-state components (from project book).
EL-656	Basic electronic circuits with solid-state components (from kit).
EL-657	Basic electronic circuits with solid-state components (original circuit design).

GREEN ENERGY

EL-658	Wind or solar powered energy project (from kit).
EL-659	Wind or solar powered energy project (original design).

4-H ECOLOGY, NATURAL RESOURCES

A 4-H member can only enter in one insect class. All exhibits should follow guidelines for KY State Fair Entomology Exhibits. You must acquire additional rules & specifications from County Agent.

INSECTS

EN-687	First year project (Up to 3 9x13 official cardboard boxes or up to 2 18x24 wooden boxes) with 25-50 insects from at least 4 orders
EN-688	Second year project (Up to 3 9x13 official cardboard boxes or up to 2 18x24 wooden boxes) with minimum of eight orders and 50 insects, a maximum of 100 insects.)
EN-689	Third year project (3 9x13 official cardboard boxes or 2 18x24 wooden boxes) with a minimum of 10 orders and 100 insects, a maximum of 150 insects.)

- EN- 690 Fourth year project (3 9x13 official cardboard boxes or 2 18x24 wooden boxes) with minimum of 12 orders and 150 insects, no maximum). A third box with an example of insect damage.
- EN- 691 Fifth year project Any type of display that pertains to experiences beyond those of previous projects.

HONEY

Honey will show better in oval, flat sided to square clear glass containers. 4-H'ers **must** use standard honey jars, except class EN-696, wide mouth mason jar or honey jars may be used. Fill jars to within 1/2 inch of top.

- EN- 692 Two one pound containers of white extracted honey
- EN- 693 Two one pound containers of light amber extracted honey
- EN- 694 Two one pound containers of amber extracted honey
- EN- 695 Two one pound containers of dark amber extracted honey
- EN- 696 Two wide mouth quart jars of chunk honey, any color

4-H FARM CROPS PROJECT

A 4-H member can enter in more than one class and/or division in the Crops Project. Grains should be in 1 gallon zip lock bags. Hay bales should be securely tied.

FIELD CROPS

- Hay must be from the current year, neatly tied & labeled and placed in a double strength plastic bag.**
- Hay**
- FC-600 Alfalfa hay, 1/2 bale
- FC-601 Red clover hay, 1/2 bale
- FC-602 Timothy hay, 1/2 bale
- FC-603 Other grass hay, 1/2 bale
- FC-604 Mixed hay, 1/2 bale
- Yellow Corn**
- Corn must be labeled with variety and yield.**
- FC-605 Yellow-ear, previous year's crop, 8 ears shucked
- FC-606 Yellow-ear, current year's crop, 8 ears shucked
- FC-607 Yellow-shelled, previous year's crop, 0.5 gallon
- White Corn**
- FC-608 White-ear, previous year's crop, 8 ears shucked
- FC-609 White-ear, current year's crop, 8 ears shucked
- FC-610 White-shelled, previous year's crop, 0.5 gallon
- Popcorn**
- FC-611 White Popcorn, ear, previous year's crop, 8 ears shucked
- FC-612 Red Popcorn, ear, previous year's crop, 8 ears shucked
- FC-613 Yellow Popcorn, ear, previous year's crop, 8 ears shucked
- Field Soybeans (Oil)**
- Soybeans must be labeled with variety and/or yield.**
- FC-614 Soybeans, current year's crop, three stalks tied, roots intact
- FC-615 Soybeans, previous year's crop. 1-gallon zip lock bag

Sorghum must be labeled with variety and/or yield.

Grain Sorghum

- FC-617 Grain Sorghum, current year's crop, three stalks tied
- FC-618 Grain Sorghum, previous year's crop, 1-gallon

Sweet Sorghum

- FC-619 Sweet sorghum, current year's crop, three stalks tied

Wheat (Soft, Red, Winter)

- FC-620 Wheat, current year's crop, 0.5 gallon in a container, label (variety & yield)

Barley

- FC-621 Barley, current year's crop, 0.5 gallon in a container (variety & yield)

MISCELLANEOUS

- FC-622 Tallest Stalk of Yellow Corn
- FC-623 Potted Soybean Plant from 2016 year's crop

4-H FOODS PROJECTS

Recipes must be used from the project books unless indicated otherwise. Check with Extension Office for more information or special instructions.

Muffins

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

Biscuits

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

Quick Breads

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

Cookies

- FD-847 Three Chewy Granola Bars (gluten-free): Use recipe in *4-H Cooking 101*, p. 35.
- FD-848 Three Brownies: Use recipe in *4-H Cooking 101*, p. 67. Nuts optional
- FD-849 Three Oatmeal Drop Cookies: Use recipe in *4-H Cooking 101*, p. 68.

Cakes

- FD-850 One 8" or 9" layer **Rich Chocolate Cake** (no icing): Use recipe in *4-H Cooking 301*, p. 116.
- FD-851 One 8" or 9" layer **Carrot or Zucchini Cake** (no icing): Use recipe in *4-H Cooking 301*, p. 119
- FD-852 $\frac{1}{4}$ of a **Basic Chiffon Cake**: Use recipe in *4-H Cooking 401*, p. 118. Do not use variations.

Pies

- FD-
853 One whole **Double Crust Apple Pie**: Use recipes in *4-H Cooking 401*, p. 105 and 97.
Special instructions-check with Extension Office.

Yeast Breads

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

Bread Made in a Bread Machine

- FD-
857 One loaf **Honey Whole Wheat Bread** made in a bread machine: Use the recipe in the *2017 4-H Fair Recipe Book*.
Special instructions-check with Extension Office.

Candy

- FD-
858 Three pieces **Classic Chocolate Fudge**: Use recipe in *4-H Cooking 401*, p. 89. Nuts optional.

OTHER FOODS

Not State Fair categories. A 4-H member can enter any of the following food classes.

Cookies

- FD-
866 Best Decorated Sugar Cookies (3)
FD-
867 Best Chocolate Chip Cookie (3)
FD-
868 Best Peanut Butter Cookie (3)

Candy

- FD-
869 Candy Divinity (3 pieces)
FD-
870 Chocolate Fudge (3 pieces)
FD-
871 Peanut Butter Fudge (3 pieces)
FD-
872 Mixed Candy (2 pieces of 3 kinds)
FD-
873 Molded Candy (3 pieces)

Cakes

- FD-
874 Best Decorated Cake
FD-
875 Best Cake of any kind, except as listed above (1/2 cake)
FD-
876 Best Decorated Cupcake

4-H FOOD PRESERVATION

All entries must be prepared from raw produce. Use recipes/instructions from 4-H project books and U K "Principles of Home Canning". Request label & instructions from agent.

- FP- 861 Dried Apples: Dry apples according to the instructions in the 2017 4-H Fair Recipe Book Salsa: (pint jar or smaller) canned using a boiling water canner. Use the recipe in the 2017 4-H Fair
- FP- 862 Recipe Book
- FP- 863 Dill Pickles: (pint jar or smaller), canned using a boiling water canner: Use the recipe in the 2017 4-H Fair Recipe Book
- FP- 864 Strawberry Jam: (half pint or smaller jar), canned using a boiling water canner. Use the recipe in the 2017 4-H Fair Recipe Book
- FP- 865 Green Beans: (One pint), canned using a pressure canner. Use the recipe in the 2017 4-H Fair Recipe Book

4-H FORESTRY

A 4-H member can only enter classes in one 4-H unit in the Forestry Project. Follow instructions in Forestry Project Books.

First Year

- FR- 703 Unit 1 - Leaf Collection, 10 (forest) Leaves found in Kentucky
- FR- 704 Unit 1 - Leaf Print Collection, 10 (forest) Leaves found in Kentucky

Second Year

- FR- 705 Unit 2 - Leaf Collection, 2nd year, 20 (forest) leaves found in Kentucky, different from 1st year
- FR- 706 Unit 2 - Educational Exhibit not to exceed 2'x2'

Third Year & Over

- FR- 707 Unit 3 - Educational Exhibit not to exceed 3' x 3'
- FR- 708 Unit 3 - Stem, Leaf, Fruit Display of 5 Kentucky forest trees

4-H GEOLOGY

Only one entry per 4-H member permitted. Follow instructions from St Fair Project Information.

- GE-715 First Year Geology - 15 different specimens
- GE-716 Second Year Geology - 25 different specimens
- GE-717 Third Year Geology - 35 different specimens
- GE-718 Fourth Year Geology - 50 different specimens
- GE-719 Special Collection for Fifth year or more members

4-H HOME ENVIRONMENT

A 4-H member can only enter 2 classes Unit I-Advanced and one class in Changing Spaces. Follow instructions for each entry from 4-H Project Books.

UNIT I EXHIBITS from "Exploring Your Home" Project Book

- HE-887 Color Collage
- HE-888 Texture Collage or Rubbing

- HE-889 Transparent Finish applied to Small Wood Object
- HE-890 Simple cloth item for the home, machine stitching not required
- HE-891 Wastebasket decorated by member
- HE-892 Bulletin Board

UNIT II EXHIBITS from "Living With Others" Project Book

- HE-893 Decorative Item for the Home & Photo
- HE-894 Simple Wood Item, refinished, include "before" photo
- HE-895 Cloth item for the home created using a sewing machine
- HE-896 Invitation and thank you letter/note

UNIT III EXHIBITS from "Where I Live" Project Book

- HE-897 Accessory for the Home, 2 parts: 1)the accessory and 2)folder with documentation
Table Setting Appropriate to a Theme (Part 1: include plate, beverage containers,
placemat & napkin),(Part 2: Color photo showing show setting should be arranged
including flatware)
- HE-898 including flatware)
- HE-899 Piece of furniture, refinished, include "before" photo and explanation
Old or discarded item made useful as home accessory, include "before" photo
- HE-900 & documentation folder

UNIT IV EXHIBITS from "In My Home" Project Book

- HE-901 An accessory for the home, include documentation folder
- HE-902 Heritage item refinished, restored, or made by 4-H'er, include documentation folder
- HE-903 Purchased article selected to solve a decorating problem, include documentation folder
- HE-904 A cloth article made to show a major home improvement, include documentation folder

Self-Directed ADVANCED PROJECT

- HE-905 Furniture Experience, which has been refinished, re-upholstered, recovered, recycled,
reused or remodeled
- HE-906 Design Experience - Create a plan for or actually complete a design experience, 2 parts
- HE-907 Heritage Experience - Complete a heritage project, 2 parts
- HE-908 Major Home Improvement - Complete a major home improvement project

CHANGING SPACES

- HE-909 Room Floor Plan - Mounted printout of a room & documentation folder
- HE-910 House Floor Plan - Mounted printout of a house plan & documentation folder
- HE-911 Presentation Board - Color Scheme of one room & documentation folder
- HE-912 Presentation Board - Bedroom floor plan, color scheme & documentation folder
Presentation Board - Great Room or Family Room floor plan, color scheme &
- HE-913 documentation folder

4-H HORTICULTURE AND PLANT SCIENCE

Plants exhibited must have been grown by 4-H'er for at least 6 months, except terrariums, dish gardens and annual and vegetable bucket gardens. Use potting soil in containers.

- HO-561 Environmental Awareness
- HO-562 Production and Marketing
- HO-563 Experimental Horticulture

PLANT DISPLAYS	HO-564	Horticultural Project Exhibits
	HO-565	Terrariums
	HO-566	Dish Gardens (desert or tropical)
	HO-567	Vegetable Container Gardens (grown in container)
	HO-568	Annual Container Gardens (non vegetable)
	HO-569	House Plants
	HO-570	Hanging Baskets
	HO-571	Herb Container Garden
	HO-572	Window Box Display
HO-573	Upcycle Container Garden (example: wooden pallet garden)	

GARDEN and/or ORCHARD DISPLAYS

HO-574	Garden and/or Orchard Displays (min. 5 types produce, 2'x3' area, in container)
HO-575	Tomato (5 per plate) Must be ripe, red or yellow, cherry type
HO-576	Tomato (5 per plate) beef steak
HO-577	Tomato (5 per plate) heirloom
HO-578	Peppers - hot (5 per plate)
HO-579	Peppers - bell (5 per plate)
HO-580	Peppers - sweet (5 per plate)
HO-581	Cucumbers, slicing (5 per plate)
HO-582	Cucumbers, pickling (5 per plate)
HO-583	Beans, snap or lima (12 per plate)
HO-584	Corn, sweet (in the husk with silks) (5 ears per plate)
HO-585	Cantaloupe (1 whole), halved
HO-586	Largest Tomato (by weight) Must be ripe.
HO-587	Largest Cabbage (by weight)
HO-588	Largest Pumpkin (by weight)
HO-589	Largest Watermelon (by weight)

OTHER HORTICULTURAL EXHIBITS

The following are **NOT** State Fair entries.

VEGETABLE

HO-590	Potatoes (5)
HO-591	Onions (5)
HO-592	Squash, any type (5)

FLOWERS

HO-593	Largest Sunflower (by diameter)
HO-594	Large Marigold
HO-595	Small Marigold
HO-596	Large Zinnia
HO-597	Small Zinnia
HO-598	Single Rose

MISCELLANEOUS

HO-599	Gourd
HO-599a	Best Collection of Gourds (3)
HO-599b	Ornamental Corn (5 ears)

4-H NEEDLEWORK

A 4-H member may enter one entry per category. Items must be completed during current project year.

**Only specific items may be entered and instructions apply to each category - see Extension Office for further information!

CROCHET	CR-813	Item made of medium weight yarn & single and/or double crochet stitches.
	CR-814	Item made with novelty yarn & single and/or double crochet stitches.
	CR-815	Items made of granny squares, any weight yarn.
	CR-816	Item(s) made using intermediate skills/pattern crochet stitches
	CR-817	Item or pair of items using advanced crochet skills.
EMBROIDERY	EM-818	Item using one type of embroidery (5" x 7")
	EM-819	Item using multiple types of embroidery stitches (5" x 7")
	EM- 820	Item of charted embroidery using large cross or snowflake stitches
	EM-821	Item of crewel embroidery
	EM-822	Item of charted embroidery using specialty cloth
	EM-823	Item of embroidery using advanced skills
KNITTING	KN-824	Small simple knitted item(s)
	KN-825	Knitted Scarf from Novelty Yarn
	KN-826	Larger/simple knitted item(s)
	KN-827	Knitted project focused on Shape
	KN-828	Knitted project focused on Design
	KN-829	Knitted project focused on Texture
QUILTING	QU-833	Quilted Mat (12" x 12" finished size)
	QU-834	Quilted Runner-machine tacked or hand tied (12" x 36" finished size)
		Quilted Runner - Quilted by hand or sewing machine (12" x 36" finished size)
	QU -835	Hand Quilted Wall Hanging or Small Quilt (36"x36")
	QU-836	Machine Quilted Wall Hanging or Small Quilt (36"x36")
	QU-837	Creative Quilt or Quilted Wall Hanging (at least 24"x24" up to 48"x48")
QU-838		

4-H PROJECT RECORD SHEETS

RS-100	Arts and Crafts
RS-101	Beef
RS-102	Citizenship
RS-103	Dairy Foods
RS-104	Dog
RS-105	Electricity
RS-106	Entomology
RS-107	Foods
RS-108	Forestry
RS-109	Gardening

RS-110	Geology
RS-111	Goats
RS-112	Home Environment
RS-113	Horse
RS-114	Public Speaking
RS-115	Sewing
RS-116	Sheep
RS-117	Wood Science
RS-118	Photography
RS-119	Farm Crops
RS-120	Food Preservation
RS-121	Needlework
RS-122	Others Not Listed

4-H SEWING

A 4-H member may enter only one Sewing class per year. More information on requirements is available from Extension Office.

Junior Division for 4-H'ers Ages 9-13 (Junior members may repeat a level more than one year.)

Unit I - Let's Learn to Sew: Beginner Skills

- SE-789 Clothing Option Unit 1
- SE-790 Non-Clothing Option Unit 1

Unit II - Let's Get to the Bottom: Beginner Skills

- SE-791 Clothing Option Unit 2
- SE-792 Non-Clothing Option Unit 2

Unit III - Top It Off: Beginner Skills

- SE-793 Clothing Option Unit 3
- SE-794 Non-Clothing Option Unit 3

Unit IV - Stretch Your Knit Skills: Beginner Skills

- SE-795 Clothing Option Unit 4

Unit V - Moving On Up: Intermediate Skills

- SE-796 Clothing Option Unit 5

Unit VI - Put It All Together

- SE-797 Clothing Option Unit 6
- SE-798 Non-Clothing Option Unit 6

Up Cycle It! For advanced skills, 9-13 year olds

- SE-799 Junior recycled/repurposed garment and documentation folder

Senior Division for 4-H'ers ages 14-18 (Senior members may repeat a level more than one year.)

Let's Be Casual

- SE-800 Let's Be Casual Clothing Option
- SE-801 Let's Be Casual Non-Clothing Option

Dress It Up

SE-802 Dress It Up: 1-2 piece dressy outfit

Match It Up

SE-803 Match It Up Clothing Option

SE-804 Match It Up Non-Clothing Option

Creative Expressions

SE-805 Creative Expression-Clothing Option

SE-806 Creative Expression-Non-Clothing Option

Leisure Time

SE-807 Leisure Time Clothing Option

Formal Affair

SE-808 Formal 1-2 piece outfit

Tailor Made

SE-809 Tailor made wool Suit, Jacket, Coat

Upcycle It!

SE-810 Upcycle-item sewn from recycled/repurposed garments and documentation folder

Miscellaneous Sewing (not State Fair entries)

SE-7901 Tissue Holder

SE-7902 Fabric Coaster

4-H TOBACCO**Burley Tobacco Stripped**

BT-5 Flying (L or F)

BT-6 Lug (L or F)

BT-7 Leaf

BT-8 Tip

BT-9 Best Crop 4 grades (Flying lugs, Lugs, Bright Leave and Red Leaf)

BT-10 Burley Tobacco (1 stick of 4 stalks of green tobacco)

BT-11 Potted Burley Tobacco Plant in 5 gal. container

Dark Division

DT-12 4-H Best Crop Dark Tobacco (2 hands)

DT-13 Dark Air Cured Tobacco (1 stick of 4 stalks)

DT-14 Potted Dark Tobacco Plant in 5 gal. container

4-H WOOD SCIENCE

A 4-H member may enter in only one Wood Science class per year. Follow instructions from Extension Office for entries.

Level 1

WS-674 Level 1, made from a kit

WS-675 Level 1, **NOT** made from a kit**Level 2**

WS-676 Level 2, made from a kit

Level 3	WS-677	Level 2, NOT made from a kit
	WS-678	Level 3, NOT made from a kit
Level 4	WS-679	Level 4, NO kits, furniture quality finish
	WS-680	Level 4, NO kits, does not require fine finish, can be painted