

Department 10 4-H and Vocational

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General Regulations for 4-H and Vocational

Eligibility:

4-H Club members must have passed their eighth birthday but not have passed their nineteenth birthday by January 1 of the current year. Exhibitors must be 4-H members, a project in the field in which they wish to make entry and be under the supervision of Pennsylvania State University Cooperative Extension Service by July 1 preceding the fair. Students enrolled in an accepted vocational school curriculum must be conducting a project in the class in which they wish to make entry. Students enrolled in general home economics in a comprehensive high school are considered as qualifying.

All entries shall be approved prior to the fair by a member of Pennsylvania Department of Education, Agriculture or Family and Consumer Science staff, or their designated representative.

NOTE: In any case, where there is reference to 4-H and Vocational classes, the Fair has the option – if there are a sufficient number of available exhibits – to divide the show into two, one for 4-H and one for Vocational, or they may be shown together.

NOTE: 4-H or FFA member must be present and must have charge of his/her animal at the time of judging.

What is the real purpose of youth (4-H & FFA) livestock projects? One purpose is to teach young people how to feed, fit, and show their animals. The more important purpose is to provide an opportunity for personal growth and development of the young person.

The Josephson Institute of Ethics has developed a curriculum, which identifies six core values, which may help to better describe the value of youth livestock projects.

This curriculum also presents the idea that people develop and strengthen character by practicing certain behaviors just as muscles are built through exercise.

Therefore, the purpose of the youth livestock program (4-H and FFA) is to provide opportunities for young people to develop character. The character traits identified and some practices (exercises) that may build character follow:

Trustworthiness – includes honesty, promise keeping and loyalty daily feeding, watering of animals (promise keeping) adheres to possession deadlines (honesty) adheres to withdrawal times on drugs and de-wormer only the appropriate use of approved drugs

Respect – includes courtesy and proper treatment of people and things proper handling of animals, treat humanely proper care of animals, listens to and follows advice of advisors recognizes that animal projects are dependent on 4-H'er and provides daily feed and water

Responsibility – includes the pursuit of excellence, accountability and perseverance, daily feeding and watering (even on the busy, difficult days) goes beyond providing the daily needs of the animal in giving additional time and attention to produce a winner, adheres to deadlines for entry forms and for arrival at livestock shows never gives up in the show ring (perseverance)

Fairness – involves consistently applying rules and standards appropriately for different age groups and ability level Is feed only approved livestock rations only the appropriate use of approved drugs accepts winning or losing with grace conduct in the show ring follows recommended procedure

Caring – promoting the wellbeing of people and things in a young person's world. It denotes action and not just feelings. Daily feeding and watering provides clean barn/stall for animal treats animal humanely always

Citizenship – includes making the home community and county a better place to live for themselves and others. Accepting instructions winning and losing with grace helping others at stock shows teaching younger members treating animals humanely ensuring that your meat animal is safe for consumption

All Elementary and Secondary school age children are eligible to compete. Entries must be the work of the pupils of the exhibitor and must have been done in school under the supervision of the teacher since the proceeding fair and during the school term.

General Regulations for Animal Science

Each item must have been made by a 4-H member who is enrolled in a 4H project within the current year.

Exhibits should portray base requirements as outlined in specific 4-H projects

Posters shall be size 14” x 22” (half of a large poster board)

4-H and FFA Vegetables

Exhibitor must be enrolled in an appropriate 4-H or FFA horticultural project.

In selecting vegetables for exhibition, choose specimens that would bring the highest market price. Do not select the largest; select medium size specimens. If all a\=\at all possible, do not mix varieties.

The following factors are generally used by the expert vegetable judge. Trueness to variety type. If possible, pick the specimens from on variety Uniformity in shape, size and color

Be sure to pick out a perfect specimen, and then select the others as like it as possible. Near mix specimens of different maturity.

Protect from dirt, disease, infection, and mechanical damage. Select specimens that are perfect and show no blemishes of any kind.

Condition and maturity. Be sure the exhibits are of high quality. Pa\potatoes should not be washed. Remove soil using a soft cloth or brush.

Tomatoes should have stems removed. Carrots, beets, etc. should have tops (leaves) removed for vegetables leaving about (2) two inches of stems.

All produce will become the property of the fair association. After judging, an appropriate portion will be displayed and the balance will be donated to charitable organizations.

Section-M01 4H & FFA Vegetables

Premium	1st	2nd	3rd	4th
	\$3.00	\$2.50	\$2.00	\$1.50
Class		Class		
1	Beans, green (10)		2 Beans, yellow (10)	
4	Beets (3)		6 Cabbage flat type (1 heard)	
7	Cabbage Round or Ball head (1 head)		8 Carrots (5 topped)	
9	Cauliflower (1 head)		11 Corn, sweet (5 ears husk on)	
12	Cucumbers, pickling (5)		13 Cucumbers, slicing (3)	
14	Eggplant (1)		15 Kohlrabi (1)	
16	Muskmelon (1 melon)		17 Watermelon (1 melon)	
19	Onions, bulbs topped (5)		21 Lettuce -1 plant (potted)	
24	Peppers (3) small		25 Peppers (3) large	
26	Potatoes (5)			

Pumpkins				
27 Field-1 specimen (8 to 25 lbs)		28 Small sugar (pie) 3 to 6 lbs		
29 Miniature or Decorative-3 specimens				
Decorated Pumpkins				
Premium	1st	2nd	3rd	4th
	\$3.00	\$2.50	\$2.00	\$1.50
Class			Class	
33 Ages 12 and under			34 Ages 13 and over	

Premium	1st	2nd	3rd	4th
	\$3.00	\$2.50	\$2.00	\$1.50
Class			Class	
Tomatoes				
36 Red (3)		37 Italian (3)		
38 Small fruited—cherry or pear shaped (10)				
39 Tomatoes, green, (3) (tops on)		40 Turnips (3)		
41 Gourds (3)				
Squash				
42 Zucchini		43 Straight Neck Squash		
44 Crooked Neck Squash		45 Spaghetti		

Section-M07 4-H & FFA Floral Annuals

Premium	1st	2nd	3rd	4th
	\$2.00	\$1.75	\$1.50	\$1.00
Class			Class	
1 Asters, 3 blooms		2 Bachelor Button, 5 stems		
3 Calendula, 3 blooms		4 Cosmos, 3 blooms		
5 Dahlia, 1 bloom		6 Gladiola, 1 spike		
7 Marigold, French 3 blooms		8 Marigold, African, 3 blooms		
9 Nasturtium, 3 blooms		10 Pansy, 3 blooms		
11 Petunia, 3 blooms		12 Snapdragon, 3 spikes		
14 Zinnia—large, under 2", 3 blooms		15 Zinnia, Large, over 2", 3 blooms		

Section-M09 4-H & FFA Floral Perennials

Premium	1st	2nd	3rd	4th
	\$2.00	\$1.75	\$1.50	\$1.00
Class			Class	
1 Chrysanthemum, 3 stems		6 Dianthus, 3 blooms		
9 Rose, 1 stem				

Section-M11 4-H & FFA Floral House Plants

Premium	1st	2nd	3rd	4th
	\$2.00	\$1.75	\$1.50	\$1.00
Class			Class	
1 Begonias		2 Cacti		

3 Coleus	4 Episcia
5 Ferns	6 Geranium
7 Ivy	8 Philodendron
9 African Violets	

Class	Class
1 Fresh flower arrangement using annuals and or perennials	
2 Dried flower arrangement	
3 Corsage—either dried or fresh material	
4 Meet the Pants—poster displaying and phase project—poster-14" X 22"	
6 Hydroponics—poster describing	
7 Trees and Shrubs—poster describing some phase of project	
8 Perennials—poster describing some phase of pop/project	

Exhibits should portray base requirements as outlined in specific 4H projects.

Section-M13 Foods and Nutrition

1. Each item must have been made by a 4-H member who is enrolled in a 4-H foods project within a current year.
2. Exhibits should portray base requirements as outlined in specific 4-H projects.
3. All baked goods will become the property of the fair association.

Premium	1st	2nd	3rd	4th
	\$3.00	\$2.50	\$2.00	\$1.50
Class		Class		
Make it With Mixes				
48 Three small items (ex. Cookies/muffins) or 1 large item (ex. Cake)				
49 Same items as above that are variations of the mix or made without gluten, fat, or another ingredient—indicate the variation on a card attached to the entry				
50 A poster on a topic related to the project				
Food Works				
51 Outdoor Cooking		52 Foods from Other Lands		
53 Teens Entertain		54 Food when Company Comes		
Food Preservation				
55 Three jar display of fruit and tomatoes (must include fruit in sugar syrup, fruit in fruit juice and 1 jar of tomato product)				
56 Three jar display of low acid vegetables or vegetable mixtures				
57 Four jar display of sweet spread (four different jams or jellies)				
I Spy in the Kitchen				
64 Peanut Butter Kisses (5)				
65 Trail Mix (1/2 cup in a pint jar with lid)				
66 Bar Cookies (4) any type		67 Oatmeal Raisin Cookies (4)		
68 Poster on cooking terms or measuring or on some foods science topic				
Quick Breads				
70 Muffins (2), any type		71 Biscuits (2) any type		
72 Loaf (1) Fruit bread				
73 Loaf (1) vegetable or peanut butter bread				

74 Poster on Quick Breads or a quick bread technique	
Star Spangled Foods	
75 Snickerdoodles (4)	77 Oatmeal Muffins (4)
78 Coffee Cake (1 cake) made without yeast	
Yeast Breads On the Rise	
83 Pretzels (2) same type	84 Rolls (4) same type
86 Bread machine loaf (1) or rolls/similar product (4)	
87 Poster about yeast breads or making yeast breads	
Global Gourmet / Breads Around the World	
90 A dessert cake or bread from another country, or culture (indicate which and provide recipe)	
91 A poster giving information about foods from a country or culture outside of the U.S.	
92 A loaf or round bread made from a recipe that originated outside the U.S. (attach recipe)	
93 A plate of (4) rolls, pretzels, tortillas, or smaller breads from a receipt that originated from another country or culture (attach recipe)	
94 Poster on a specific bread and information about the country or culture the bread represents. Include a recipe or recipe on the poster.	
Microwave Project	
Bag of Tricks	
100 Poster microwave safe equipment, or breakfast bites comparison or power levels, calcium or one or more aspects of the food pyramid	
101 Granola in pint canning jar with screw-able lid	
102 2-3 cups of a food-safe snack made in the microwave oven	
103 1 food safe dessert made in microwave (entire dessert)	
Micro Magicians	
105 Poster on arranging food in a microwave oven, or cooking ground beef or meal planning, or one or more vitamins and minerals	
106 1 layer upside down cake (pineapple, peach or apple)	
107 4 apple brownies or 4 fudge brownies or 4 other bar cookies	
Amazing Rays	
108 Poster on pasta cooking tips or making casseroles, or reheating leftovers in the microwave, or meat cookery in the microwave or defrosting and browning	
109 1 layer coffee cake (entire cake)	
110 4 pieces of microwave peanut brittle	
111 4 pieces of toffee or 4 pieces of other chocolate candy made in the microwave	
Presto Meals	
112 Poster on microwave oven comparison shopping, or benefits of microwave cooking or tips for selecting foods to microwave, or holding times, or breakfast or use of even cooking bags, or microwave cleaning, or shielding or venting	
113 Make-it-your-own microwave recipe poster. Include recipe card and product and picture or drawing of the recipe you developed	

114	1 unfrosted layer cake (chocolate, carrot, applesauce) made in microwave oven
115	4 cupcakes made in microwave oven
116	1 Bunt cake (any type made in microwave oven)
117	1 cherry or pecan pie made in microwave oven using recipe in project book
118	One 8-oz jar of grape jelly or one 8 oz. jar of strawberry jam using recipe in project book
Beyond the Grill	
120	Menu/diagram on how to pack a cooler
121	Notebook/collection of 5-10 recipes (at least 1 Dutch oven)
122	Photography/drawing of yourself giving a demonstration about outdoor cooking safe site or recipes
123	Poster showing food safety aspect of outdoor cooking
4H Cooking 101	
123	2 pieces of corn bread OR 2 cornbread muffins
124	2 Oatmeal muffins
125	2 chewy granola bars
126	1 coffee cake OR one-layer of quick mix yellow cake
127	3 peanut butter cookies OR 3 oatmeal drop cookies
128	1 poster based on a topic in project book

Section-M15 4-H & FFA Clothing & Needlecraft

Premium	1st \$3.00	2nd \$2.50	3rd \$2.00	4th \$1.50
Class		Class		
Sew Much Fun				
1 Pants, shorts, skirt with elastic or drawstring waistband				
2 Apron with elastic or drawstring waistband				
4 Costume, night clothes or dress with casing or simple closure				
5 "Instant" top, skirt, or dress using a pre-shirred fabric or court-out				
6 Other simple garment				
Sew Much More				
12 Travel, bed sewing, caddy or pocket beach towel				
13 Draft dodgers		14 Postholders or mitt		
15 Pillow or quills		16 Pajama totes, laundry or gym bag		
18 Wall Hanging		19 Other items (not a garment)		
Stitch By Stitch				
27 Sampler with a variety of hand stitches, buttons or patches				
28 Hand-stitched large items		29 Two hand-stitches large items		
Knits				
35 Knit T-shirt or sweatshirt		39 Knit dress		
40 Other knit outfit				
41 Outfit using both knit and woven construction				
Coordinates				
47 Simple top, vest or poncho and skirt or slacks				
48 Other garments with a photo of how it coordinates				

50 Simple dress, jumper or shirt	
Accessories	
56 A grouping of 3 different sewn accessories (paired items, such as gloves, count as one type)	
Connection/Shopping	
63 A garment using a time saving pattern or one that features a unique technique. The pattern instruction or information on the technique must be included.	
64 One pressing aid or one close organizer (made by member) or completed wardrobe plan or a cost comparison between 2 garments or 2-3 different stores	
Sewing for Other Projects and Other People	
69 Garments for another person with photo of person wearing garment	
70 Toy, blanket, kit or another item made in this project	
Create Your Own Project	
73 Project books and a display, poster or project in the project	
Tailoring	
77 Tailored Jacket or Sports Coat	79 Tailored Ensemble
Formal wear	
82 Special Occasion Garment	
Separates	
83 2 or more pc. Nontailored outfit	
84 Dress or pc dress—more advanced than coordinates project	
85 Coat or jacket—non-tailored	
Design	
89 A garment or textile with applied design	
90 A garment or textile created/woven from an original design	
91 Recycled or remade garment with “before” photo or drawing	
Closet Connection	
98 Closet or storage aid	
Wardrobe Planning	
105 Wardrobe inventory and plan for mixing and matching	
106 Garment made to improve wardrobe plan	
Shopping	
114 Cost comparison to improve wardrobe plan	
Weaving	
120 Cloth or textile made on a loom of some sort (with photo or drawing of loom)	
121 A homemade loom or a poster showing photos of a homemade look, how to use a loom or equipment using in weaving	
Fashion Revue	
128 report of member fashion revue experiences	
Beginning Crochet	
129 2 small crocheted articles	
Intermediate Crochet	
133 One article form the project list (paired items, such as mittens, count as one article)	

134	One crocheted garment or large article such as afghan
Advanced Crochet	
140	One article from the project list (paired items, such as mittens)
141	One crocheted garment or large article such as a rug or bedspread
Beginner Knitting	
147	Two small knitted articles (paired items, such as slippers, count as one article)
149	One small article from the project list or one large article
Intermediate Knitting	
152	One small article from the project list (paired items, such as socks, count as one article)
153	One garment or large article
154	One large article, such as an afghan
Advance Knitting	
159	One small article from the project list
160	One garment or large article
Clothing from Cultures Around the World	
161	Poster with pictures, illustrations, and/or fabrics representing a specific country or culture
162	Garment or head covering made in this project
163	Description with pictures, photographs and/or illustrations of an interview the 4-H member conducted with a person of another culture.

Section-M19 4-H & FFA Arts & Handicrafts

A 4-H member who is enrolled in a 4-H Related Arts & Crafts Project within the current year must make each article.

Class-One entry per class

Premium	1st	2nd	3rd	4th
	\$3.00	\$2.50	\$2.00	\$1.50
Class		Class		
Design with Line (all items from yarn, cord, string)				
Macrame-one item				
Woven Project				
6	Woven Paper item	7	Woven Reed Item	
Creative Experiment				
15	Crewel	16	Embroideries	
17	Needlepoint	18	Latch hooks	
19	Miscellaneous			
Design with Texture (all items from corn husks or corn stalks)				
23	Any one item			
Photography				
30	Unit I—Album with minimum of 15 pictures			
31	Unit II—Album with minimum of 30 pictures			
Art Project				
34	Beginner	35	Advanced	

Craft Project	
39 Level I	40 Level II
Palatte for Fun	
45 Cutting & Pasting Art	46 Mural Madness
47 Painting	48 Sculpture
49 Printing	50 Fiber Art
51 Construction Art	
Sketchbook Crossroads	
52 Drawing: three matted drawings ready for hanging	
53 Fiber: Three completed works ready for display	
54 Sculpture: Three completed works from project, ready for display	
55 Three completed works from project, ready for display	
Portfolio Pathways	
56 Painting: three completed paintings framed and wired for hanging	
57 Printing: Three matted and/or framed prints ready for display	
58 Graphic Designs: Three graphic designs	
59 Scrapbooking—one scrapbook ready for display	
Categories for quilts made by 4-H members enrolled in project	
4-H Quilting Project	
Beginners	
62 Quilt block, hand or machine quilted	
63 Bound pre-quilted fabric quilt	
64 Whole cloth quilt, hand or machine quilted	
65 Table runners, placemat, doll quilt, wall hanging or other small quilted item, hand or machine quilted	
66 Quilt idea book that includes at least 10 different photographs and/or magazines or catalog clippings with types of blocks labeled where possible OR a historical study written about a quilt or quilt blocks	
Intermediate	
69 Tied quilts, any size including wall hanging	
70 Crazy quilts, any size including wall hanging	
71 Strips pieced, log cabin, patchwork or other quilt (not tied or crazy quilt), wall hanging/lap quilt size or larger	
72 Garment that is quilted or has elements that have been quilted by hand or by machine by the 4-H member	
Advanced Techniques, including by not limited to:	
Applique, trap unto, Sachiko, Seminole, Hawaiian	
75 Quilt bloc or small project using one or more advanced techniques	
76 Quilt with advanced skill for twin bed size or larger	
77 Quilt made with multiple intermediate and/or advanced techniques	
Community or Club	
80 Quilt made by youth in a club or community setting	

Section-M21 4-H Home Furnishings & Home Management

A 4-H member who is enrolled in a Home Furnishings or Home Management Project within the current year must make each article.

Class-One entry per class

Premium	1st	2nd	3rd	4th
	\$2.50	\$2.00	\$1.50	\$1.00
Class		Class		
Start with a Small Change—Unit I				
1	Cuter Box	2	Bulletin Board	
3	Placemats	4	Waste Basket	
5	Other	6	Beginning basketry—one basket	
7	Beginning Ceramics—one item			

Premium	1st	2nd	3rd	4th
	\$3.50	\$3.00	\$2.50	\$2.00
Class		Class		
Start with a Small Change—Unit II				
12	Shelves			
13	Arrangements (flowers or plant materials)			
14	Pictures	15	Curtains	
16	Tablecloths	17	Other	
18	Advanced basketry—one basket	19	Advanced ceramics—one basket	
Babysitting				
24	Babysitting kit with container, emergency information, first aid kit, and activities			
25	Handmade educational toy or game for young child			
Children Can Be Fun				
29	Develop a Specific Children's Game			
Generation Celebration				
34	Exhibit completed projected book			
35	Simple Pleasures—made item with card describing use for older person			
Learn and Earn				
39	Poster describing some phase of project			

Section-M23 4-H Group Exhibits

An educational exhibit emphasizing any phase of a 4-H Club Work

Premium	1st	2nd	3rd	4th
	\$20.00	\$15.00	\$10.00	\$5.00
1	4-H Group Exhibits			

Section-M25 4-H & FFA Exhibits

In classes where a poster is requested, all posters must be 14" x 22"
Posters larger than this size will not be judged. Posters must be neat!

Class—One entry per class.

Premium	1st	2nd	3rd	4th
	\$4.00	\$3.50	\$2.00	\$1.50
Wildlife (Specific PA Farm Show Requirements)				
1	Spring—Birdhouse			

2	Summer—3 plaster cast of animal tracks
3	Fall—poster of a map describing types of cover for animals
4	Winter—poster describing animal signs found in winter
5	Endangered Wildlife—workbook with a poster of the species you have chosen
7	Wildlife Ecologists—nature journal
8	Wildlife Manage—Wildlife management plan based on project
9	Woodworking for Wildlife—nesting box feeder, or another item made from book
10	Fishing—poster displaying a phase of project
11	Wildlife Habitat Evaluation—Scrapbook or journal
Engineering Project	
13	Beginning Woodworking
14	Intermediate Woodworking
15	Advanced Woodworking
18	Bicycle Project
19	Snowmobile exhibit displaying posters or drawings
20	Tractor project
Small Engine Project	
23	Unit I—exhibit one of the following: small engine with external parts identified; 10 tools or pictures of tools with their function, poster on shop
24	Unit II—exhibit one of the following: small engine with internal parts and function identified; poster on personal safety in shop, poster on engine oil viscosity and service classification
25	Unit III—exhibit one of the following posters on troubleshooting. Poster on starting a small gas engine business
Rocketry	
26	First year members, single stage rocket
27	Second year and older members, single stage rocket
28	Multi-stage rocket
Electric Project	
31	Unit I—Simple working circuit
33	Unit III—Exhibit on one of the following: electric supply kit items labeled; electric floor plan for home, wired switch, working integrated circuit, LED circuit with blinking light alarm photocell or SCR intruder alarm
Computer Project	
36	Unit I—Exhibit one of the following items: greeting cards, graphic illustration, presentation, special effects photos, storybook or web topic
37	Unit II—Exhibit one of the following: T-shirt design, animation presentation
38	Unit III—Exhibit one of the following: multi-media presentation, website, color magazine, animation presentation, map
Entomology	
45	Unit I Collection—minimum of 25 different insects
46	Unit II Collection—minimum of 50 different insects representing 7 insect orders
47	Unit III Collection—minimum of 75 different insects representing 9 insect orders
48	Unit II Collection—minimum of 100 different insects representing 10 insect orders

Health Projects	
51 Poster displaying and phase of project	
52 First aid kit for home or car	
Embryology	
55 Poster displaying any phase of project (can be three dimensional)	
Forestry	
58 Adapt A tree—album of completed roundup ideas	
59 Treetop--Tree Touch Box	
62 Forestry Evaluation—Scrapbook or journal	
Pet Project	
64 Poster about natural characteristics of pet or basic pet card, or a first aid or grooming kit with at least 6 items with list and how they are used	
65 Aquatic Maestro (Poster displaying and phase of project)	
Conservation	
66 Conservation Posters	67 Conservation terrarium
At Your Disposal	
68 Display a reused or recycled item made by member with story about item	
Clowning	
69 Posters showing any phase	
Teen Leadership	
70 Never Outgrow (story written about leadership) 4-H Day Camp	
4-H Day Camp	
75 Poster related to camp topic	
Theatre Arts	
78 Puppet(s) made by member	
80 Costume made by member	
79 Poster showing stage design, make-up or other part of the project	
Outdoor Adventures	
90 Hiking Trails	91 Camping Adventures
93 Backpacking expeditions	
Leisure Education	
93 Career Exploration	94 Orienteering
95 Blue Sky Below My Feet Poster describing foods, forces, or fibers	
96 Shooting Sports—poster on Shooting safety	

Section-M27 4-H & FFA Apiary (honey) products

Comb honey to be judged on perfection in filling, capping uniformity, neatness and cleanliness of section.

Extracted honey to be judged on body, clarity, and cleanliness

Premium	1st	2nd	3rd	4th
	\$3.00	\$2.50	\$1.50	\$1.00
Class—One entry per class				
1	Light comb (one comb)		2	Dark comb (one comb)
3	Light extracted honey (one quart)		4	Dark amber extracted honey (1 qt.)