



4-H/FFA GENERAL PROJECTS

DEPARTMENT 4H/FFA GENERAL PROJECTS

The General Projects are in the Expo Building (#4 on map in back of fair book)



LINDA STEWART, Superintendent

SCHEDULE OF EVENTS

Wednesday, August 1– 4:30 p.m.
Entry registrations due. Submit online at www.nwmtfair.com

Monday, August 13
9 a.m. – 9 p.m. Exhibits accepted. Bring them to Expo Building.

Tuesday, August 14
8:30 a.m. Judging

Sunday, August 19
6:00 p.m. Exhibits released. The gate on the south end of the Expo Building will be open if you need to drive up to pick up exhibits. You will not be able to drive a vehicle through the Fairgrounds on Sunday night. The building will be open on Monday after the fair.

FLATHEAD ELECTRIC COOPERATIVE YOUTH ELECTRIC FAIR

- The Youth Electric Fair is sponsored by the Flathead Electric Cooperative, Inc.
- All youth ages 8 through 19 are eligible.
- The Junior division is comprised of all youth 8 through 13 years of age as of October 1, 2017. The Senior division is comprised of all other entries, regardless of age.
- Entries are not judged by the Danish System.
- Items previously exhibited will not be accepted.
- Exhibits must remain in place until 6:00 p.m. Sunday.
- Bring entries to the Expo building.

<u>SENIOR DIVISION</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>
Electric, welded division	\$75.00	\$50.00	\$40.00
Electric, lamp division	\$75.00	\$50.00	\$40.00
<u>JUNIOR DIVISION</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>
Electric, welded division	\$75.00	\$50.00	\$40.00
Electric, lamp division	\$75.00	\$50.00	\$40.00

DIVISION 2040 – ELECTRIC PROJECT

Division 2040 will be exhibited in the Flathead Electric Cooperative Fair Booth.

Only one (1) exhibit per class in 1, 2, & 8; two (2) exhibits per class allowed in 3-7. In case of two exhibits in a class, they shall be different. The judge may categorize exhibits as Basic or Advanced. Entries must be marked ORIGINAL or made from a KIT.

Class (Awards per class: Blue = \$3.00; Red = \$2.00; White = \$1.00)

- Electric Lamp, decorative
- Electric Lamp, reading
- Welded Item, Basic (2 allowed)
- Welded Item, Advanced (2 allowed)
- Electrical educational display (2 allowed- club, group, or individual)
- Electrical Item, repaired
- Basic Electronic Item, made
- Advanced Electronic Item, made

DIVISION 2045 – ELECTRICITY

To exhibit in the following categories, you must be currently enrolled in one skill level of the electricity project. Exhibit up to 4 items (only 1 per class).

(Awards per class: Blue = \$2.00; Red = \$1.50; White = \$1.00)

LEVEL 1 - THE MAGIC OF ELECTRICITY

Class

- Homemade flashlight
- Simple switch
- Display or poster of conductors
- Display or poster about magnetism
- Homemade compass
- Homemade electromagnet
- Homemade galvanometer
- Homemade electric motor
- Educational poster or display about electricity
- Any other homemade electric device

BEST LEVEL 1 ELECTRICITY ENTRY Award Courtesy of TBA

LEVEL 2 - INVESTIGATING ELECTRICITY

Class

- Educational display of Ohm's Law
- Display or poster about conductors and insulators
- Poster identifying the components of a wiring diagram
- Homemade circuit
- Homemade momentary switch
- Homemade 3-way switch
- Homemade rocket launcher
- Homemade burglar alarm
- Educational poster or display about electricity in the home
- Any other homemade electric device

LEVEL 3 - WIRED FOR POWER

Class

- Display or poster showing how to read an electric meter
- Display of types of wires and cables
- Display showing how to measure electricity usage
- Display or poster showing the different types of receptacles
- Diagram of your home wiring circuits
- Educational poster or display about electricity in the home
- Any other homemade electric device

LEVEL 4 -ENTERING ELECTRONICS

Class

- Display or poster of different electronic parts
- Display showing how a diode works
- Display showing how a transistor regulates flow
- Display showing how LEDs work
- Homemade flasher
- Homemade alarm that reacts to light
- Homemade light meter
- Homemade SCR intruder alarm
- Homemade 6-8 watt amplifier
- Educational poster or display about electronics
- Any other homemade electronic device



4-H/FFA GENERAL PROJECTS

DIVISION 2050 – WOODWORKING

To exhibit in this division, you must be currently enrolled in the woodworking project. Exhibit up to 4 items (and only 1 per class).

(Awards per class: Blue = \$3.00; Red = \$2.00; White = \$1.00)

Class

1. Shop use item (sanding block, miter box, toolbox, etc.)
2. Article, other resource, or plans for projects made in your woodworking project skill level, include plans
3. Other indoor item with indoor finish, include plans
4. Other outdoor item with exterior finish, include plans
5. Article made from a kit, include plans
6. Article you have refinished with a "before" photograph
7. Wood project you have not finished, include plans
8. Educational display or poster showing anything related to the wood project (about the care of tools, safety, materials, techniques, etc.)
9. Finished indoor item made with tools, include plans
10. Any other item made with hand tools, include plans

BEST WOODWORKING PROJECT

- CHAMPION** Award
Courtesy of Jason May Trucking
- RESERVE CHAMPION** Award
- THIRD PLACE** Award
- 1st YEAR ENTRY** Award
All above courtesy of John & Debbie Murer

DIVISION 2060 – PHOTOGRAPHY

A single photo, mounted on 5 x 7 (minimum size) or 8x10 (maximum size) poster board or with an 8x10 or 11x14 mat constitutes an exhibit for classes 1-14 and 20-33. Use 3x5 to 4x6 photos for classes 17-19 and 36-38. For classes 15-16 and 34-35 use CDs that can be played with Windows Media Player.

Plastic hangers or wires must be attached to photo exhibits so they can be hung. Concentrate on selecting your very best photo display. Members may exhibit in more than one class, but only one exhibit per class. Color and black & white are separate class numbers. A picture may be used in one exhibit only. Color and black & white may not be mixed in same exhibit. Where a picture is self-processed, it should be so labeled.

(Awards per class: Blue = \$2.00; Red = \$1.50; White = \$1.00)

Color Class	Black & White Class	Number
1	Architecture	20
2	Landscapes	21
3	People (not portraits)	22
4	Animals, Birds	23
5	Action	24
6	Abstract	25
7	Close-ups (less than 24")	26
8	Portraits	27
9	Plants	28
10	Pets	29
11	Your best picture	30
12	Water	31
13	Fair theme "Discover"	32
14	Digitally altered photo	33
15	Video	34
16	Photo slide show	35
17	Sequence of 3-5 photos	36
18	Study, 3 types of light	37
19	Publicity photos (group of 3)	38

AWARDS

- PHOTOGRAPHY OVERALL BEST OF SHOW** Award
Courtesy of Lakeview Livestock 4-H
- PHOTOGRAPHY, 2nd OVERALL** Award
Courtesy of Flathead Homemakers
- PHOTOGRAPHY, 3rd OVERALL** Award
Courtesy of Heather Olson
- MOST BLUE RIBBONS IN PHOTOGRAPHY** Award
Courtesy of Susan Schmidt

DIVISION 2065 – WELDING

(Awards per class: Blue = \$3.00; Red = \$2.00; White = \$1.00)

Class

1. A welded item
2. Educational display or poster showing anything related to the welding project (about the care of tools, safety, materials, techniques, etc.)
3. Other

DIVISION 2070 – ENTOMOLOGY

To exhibit in this division, you must be currently enrolled in one skill level of the entomology project. Exhibit no more than 4 items (and only 1 per class). Exhibit boxes of insect collections should be 18" by 12" for 25 insects and 18" by 24" for 50 insects. Each box should be 3 1/2" to 4" deep. Boxes should be covered with Plexiglas that can be removed and collections organized by order. Preparation of each collection shall adhere to proper pinning and labeling methods as described in the 4-H entomology project materials and other recognized sources. Specimens shall be undamaged, and if moths or butterflies, the wings shall be properly spread. Spreading legs and wings of other groups is not required, but shall receive recognition if done.

Arrangements shall be neat and uniform in such a manner that anyone examining the collection can understand the groupings. Educational displays may consist of specialized groupings of insects, or related to any aspect of insect life. Displays should be presented in a clear, concise manner. The purpose of educational displays is to learn more about life cycles, biology, ecology, diversity, etc. of insects and related arthropods.

LEVEL 1–CREEPY CRAWLIES

- | Class | Blue | Red | White |
|-------|--------|--------|--------|
| | \$2.00 | \$1.50 | \$1.00 |
1. Collection of at least 25 different adult insects, mounted, labeled and identified, including at least 5 orders, including the order Lepidoptera (for 1st year Level 1 members)
 2. Collection of at least 30 different adult insects (5 you haven't exhibited before), mounted, labeled and identified, including at least 5 orders (for 2nd yr. Level 1 members).
 3. Collection of at least 35 different adult insects (5 you haven't exhibited before), mounted, labeled and identified, including at least 5 orders (for 3rd yr. Level 1 members).
 4. Exhibit or poster of equipment, constructed or purchased by the member, used for insect collection and mounting (collecting net, killing bottle, mounting board, etc.)
 5. Poster relating to some activity in Level 1 (insect behavior, communications, movement, habitats, etc.)
 6. Any other item.



4-H/FFA GENERAL PROJECTS

LEVEL 2 – WHAT’S BUGGING YOU?

	Blue	Red	White
Class	\$3.00	\$2.00	\$1.50
7. Collection of at least 50 different adult insects, mounted, labeled and identified according to order (for 1st yr. Level 2 members).			
8. Collection of at least 60 different adult insects (10 you haven’t exhibited before), mounted, labeled and identified including at least 5 orders (for 2nd yr. Level 2 members).			
9. Collection of at least 70 different adult insects (10 you haven’t exhibited before), mounted, labeled and identified including at least 5 orders (for 3rd yr. Level 2 members).			
10. Exhibit or poster of special equipment made as a part of Level 2 (a separator, an extractor, etc.)			
11. Poster or display relating to some activity in Level 2 (insect traps, careers, habitats, etc.)			
12. Any other item.			

LEVEL 3 – DRAGON, HOUSE & OTHER FLIES

	Blue	Red	White
Class	\$4.00	\$3.00	\$2.00
13. Collection of 85 insects, mounted, labeled and identified according to order (for 1st year Level 3 members)			
14. Collection of 120 insects, mounted, labeled and identified according to order (for 2nd year Level 3 members)			
15. Collection of at least 155 different insects, mounted, labeled and identified according to order (for 3rd year Level 3 members)			
16. Poster or display relating to some activity in Level 3 (homemade insect control, etc.)			
17. Experimental project			
18. Any other item			

ENTOMOLOGY INDEPENDENT STUDY

	Blue	Red	White
Class	\$3.00	\$2.00	\$1.50
19. Educational display	\$3.00	\$2.00	\$1.50
20. Any other item	\$3.00	\$2.00	\$1.50

CHAMPION ENTOMOLOGY COLLECTION.....Award
Courtesy of Lakeview Livestock 4-H Club

RESERVE CHAMPION ENTOMOLOGY COLLECTION.....Award
Courtesy of Montana Logging Association

DIVISION 2075 – WILDLIFE (Exhibit no more than 4 items per level)

(Awards per class: Blue = \$3.00; Red = \$2.00; White = \$1.50)

LEVEL 1 - WILDLIFE CONSERVATION

- Class**
- Your Nature Journal
 - Wildlife diorama depicting several species in their natural habitats.
 - Board or poster describing one wildlife species found in Montana.
 - Board or poster displaying two or more interactions (connections) that occur between animals or between animals and their habitat.
 - Display of animal tracks with plaster casts.
 - Board or poster exhibit depicting signs of wildlife (including but not limited to: tracks, droppings, trails, burrows, markings, mounds, tree scrapes, nests, etc.)
 - Wildlife essay of 100-1000 words typed and double spaced or handwritten neatly.
 - Any other item.

LEVEL 2 - LIVING WILD IN AN ECOSYSTEM

- Your Nature Journal
- Wildlife house

- Wildlife habitat plan
- Birdbath or feeder that you made
- Integrated pest management plan
- Any other item

LEVEL 3 - MANAGING IN A WORLD WITH YOU AND ME

- Your Nature Journal
- Scrapbook of news articles about wildlife.
- Feeder you built that measures how high squirrels jump
- Jumping platform you built to measure how far squirrels can jump
- Any other item

WILDLIFE INDEPENDENT STUDY

- Educational display
- Any other item

DIVISION 2076 – OUTDOOR ADVENTURES (Exhibit no more than 4 items per level)

(Awards per class: Blue = \$3.00; Red = \$2.00; White = \$1.50)

LEVEL 1- HIKING TRAILS

- Class**
- Backpack containing essential items for a day hike
 - First Aid Kit you make for a day hike
 - Display relating to “Leave No Trace”
 - Educational display relating what you have learned in the project

LEVEL 2- CAMPING ADVENTURES

- Class**
- Display of knots you tied for camping
 - Three day camping menu, necessary equipment, method of preparation and clean-up
 - Educational display relating what you have learned in this project

LEVEL 3- BACKPACKING EXPEDITIONS

- Class**
- Three day backpacking menu, necessary equipment, method of preparation and clean-up
 - First aid kit you made for a backpacking trip
 - Display relating “Leave No Trace” in a variety of environments
 - Educational display relating what you have learned in this project

OUTDOOR ADVENTURE INDEPENDENT STUDY

- Class**
- Educational display
 - Any other item

DIVISION 2080–FORESTRY

Exhibitors should be currently enrolled in one skill level of the forestry project. Exhibit up to 4 items (and only 1 per class). If leaves, stems or bark are to be exhibited, they should be identified with a label near the object on the same page.

Labels should show: (1) the proper common name;
(2) where collected (city and/or county);
(3) date (day, month, and year) collected.

When exhibiting after more than one year in the project, group specimens by the year they were collected. Educational displays may consist of groupings of leaves, bark, stems, or related to any aspect of forestry. Displays should be presented in a clear, concise manner. The purpose of educational displays is to learn more about the importance of forest ecosystems and forest life.

(Awards per class: Blue = \$3.00; Red = \$2.00; White = \$1.50)



4-H/FFA GENERAL PROJECTS

LEVEL 1 – FOLLOW THE PATH

Class

1. Exhibit of at least 5 dried leaves/needles from either coniferous and deciduous trees living in Montana collected during the year – mounted, labeled and identified according to species
2. Exhibit a minimum of 5 native Montana trees, showing leaf, twig and fruit from each species
3. Poster or educational display relating to some activity in Unit 1 (for example, estimating tree age by rings, parts of a tree, drawing of a root system, forest habitats, forest recreation or others)
4. Journal record showing where 10 different leaves/trees are located and the date you found them
5. A photo story of a visit to a state forest or other forest ecosystem
6. A leaf chain or dried leaf collage
7. Plant in a clear jar showing the root system of a tree seedling
8. Any other item

LEVEL 2 – REACH FOR THE CANOPY

Class

9. Exhibit a collection of at least 10 different kinds of leaves/needles from either coniferous or deciduous trees in Montana collected during the year –mounted, labeled, and identified according to species
10. Exhibit a minimum of 8 native Montana trees showing leaf, twig and fruit from each species
11. Poster or educational display relating to some activity in Unit 2 (for example, how water moves through a tree, photosynthesis, succession, forest systems or others)
12. A photo journal of your visit to a local park or forest
13. Photo journal or field guide on the habitat of 10 organisms that use trees
14. Cross division of a tree with explanation of the tree's history

LEVEL 3 – EXPLORE THE DEEP WOODS

Class

15. Exhibit a collection of at least 20 different kinds of leaves/needles from either coniferous or deciduous trees in Montana collected during the year –mounted, labeled, and identified according to species
16. Exhibit a minimum of 15 native Montana trees showing leaf, twig and fruit from each species
17. Poster or educational display relating to some activity in Unit 3 (for example, identifying trees by their bark, biomes, forest products, or others)
18. A photo journal of your visit with a “tree informant” at a local park or forest
19. Write a taxonomic key for 5 different leaves you have collected
20. Display of 5 bark rubbings and the identification of each tree
21. Display of the “fruits” or “seeds” of at least 10 trees in your area
22. Any other item

FORESTRY INDEPENDENT STUDY

Class

23. Educational Display
24. Any other item

DIVISION 2085 – WEEDS

(Exhibit no more than 1 item per class number)

All plants shall be labeled to include common name, scientific name, place collected, date collected, and collector's name. Numbers are minimum requirements -more do not penalize an exhibit/collection. Current year collections except Class # 3, 4, & 5. Plant collections are assumed to be cumulative year to year.

(Awards per class: Blue = \$3.00; Red = \$2.00; White, \$1.00)

Class

1. Homemade plant press
2. Project notebook, including narrative and picture report of work done in weeds
3. Weeds, collection of 10 (include 2 perennials)
4. Weeds, collection of 20 (include 6 perennials and 2 biennials)
5. Weeds, collection of 30 (include 6 perennials and 4 poisonous)
6. Weed seeds, mature, dry, 15 species

CHAMPION PLANT SCIENCE Award

RESERVE CHAMPION PLANT SCIENCE Award

Both courtesy of Montana Logging Association

DIVISION 2086 – RANGE MANAGEMENT

In order to enter you must be enrolled in the project. Exhibit up to 4 items.

(Awards per class: Blue = \$3.00; Red = \$2.00; White, \$1.00)

Class

1. Poster showing the stages of succession
2. Poster illustrating the water cycle
3. Educational display relating what you have learned about rangelands
4. Educational display relating what you have learned about the different plants and animals that live on rangelands
5. Educational display showing different uses of rangeland
6. Educational display of the web of life on rangelands
7. Profile of a rancher or other range user
8. Display of a historical timeline related to US rangeland uses

RANGE INDEPENDENT STUDY

Class

9. Educational display
10. Any other item

DIVISION 2090 – LANDSCAPING & FLOWERS

	<u>Blue</u>	<u>Red</u>	<u>White</u>
Class	\$5.00	\$3.00	\$2.00
1. Project notebook showing overall plan, before and after pictures, and accomplishments during the current year. Judged 75% on current year's work. Creativity, work and report quality are criteria.			

	<u>Blue</u>	<u>Red</u>	<u>White</u>
Class	\$3.00	\$2.00	\$1.00
2. Scale plan of home grounds (minimum size 8 x 10) coded to show present and proposed work			

	<u>Blue</u>	<u>Red</u>	<u>White</u>
Class	\$2.00	\$1.50	\$1.00
3. Flowers grown by members in their project. Exhibit requires one stem of larger flowers such as roses, gladiolas and zinnias; three stems of smaller flowers such as marigolds, pansies and sweet peas (maximum of four entries)			
4. Arrangement of flowers grown in the project (maximum 1 entry)			
5. Exhibit of potted plants, terrariums or succulents, grown by member (maximum of four entries)			

BEST OF SHOW POTTED PLANTAward

BEST OF SHOW GLADIOLUSAward

BEST OF SHOW DAHLIAAward

BEST OF SHOW PANSYAward

BEST OF SHOW MARIGOLDAward

BEST OF SHOW ARRANGEMENTAward

Courtesy of Kalispell Farmer's Market



4-H/FFA GENERAL PROJECTS

DIVISION 2091 – WIND ENERGY (Exhibit up to 4 items)

<u>Class</u>	<u>Blue</u>	<u>Red</u>	<u>White</u>
	\$3.00	\$2.00	\$1.00
1. Display your engineering notebook			
2. Display showing what you've learned about wind energy			
3. Display GIS maps to demonstrate use of wind energy in the US			
4. Display about wind energy in US: wind farms, schools using wind power, wind in art and literature, or wind power industry careers			
5. Display an innovative design of your own			
6. Any other item			

DIVISION 2100 – MECHANICAL SCIENCE (Aerospace, Auto, Bike, Tractor, Small Engine)

Members enrolled in more than one project in this division may have multiple entries in a class, but each entry must be labeled as to project.

AEROSPACE STAGE 2: LIFT OFF

<u>Class</u>	<u>Blue</u>	<u>Red</u>	<u>White</u>
	\$2.00	\$1.50	\$1.00
1. Skill Level 1 rocket made from a kit (Wizard, Gnome, Mosquito, Alpha, etc.), include plans			
2. Poster or display of different types of aircraft			
3. Poster or display explaining how different types of weather affect flying or a chart of one week's weather and your analysis of the flying conditions			
4. Handmade kite, include plans			
5. Educational display relating to the International Phonetic Alphabet			
6. Model rocket or airplane not built from a kit, include plans			
7. Educational display related to what you learned in the project (launch or distance records, results from competitive events, etc.)			

STAGE 3: REACHING NEW HEIGHTS

<u>Class</u>	<u>Blue</u>	<u>Red</u>	<u>White</u>
	\$3.00	\$2.00	\$1.50
8. Skill Level 2 rocket made from a kit (Bull Pup 12D, Longshot, Loadstar, etc.), include plans			
9. Paper flight simulator you have made			
10. Feather Wing Glider			
11. Controllable Glider			
12. Fighter kite that can roll, pitch and yaw (Nagasaki Hata or other)			
13. Model airplane from a kit, include plans			
14. Model rocket or airplane not built from a kit, include plans			
15. Educational display related to what you learned in the project (launch or distance records, results from competitive events, etc.)			

STAGE 4: PILOT IN COMMAND

<u>Class</u>	<u>Blue</u>	<u>Red</u>	<u>White</u>
	\$3.00	\$2.00	\$1.50
16. Skill Level 3 or higher rocket made from a kit (Comanche 3, R2-D2, Tie Fighter, Space Shuttle, etc.), include plans			
17. Poster or educational display relating to some aspect of this level of aerospace (flight plan, career profile, etc.)			
18. Flat style box kite, include plans			
19. Model rocket or model airplane not made from a kit, include plans			
20. Educational display related to what you learned in the project (launch or distance records, results from competitive events, etc.)			
21. Your own constructed altitude tracker			
22. A complete cost and feasibility analysis of establishing an EMS helicopter service in your community			
23. Notebook on the history of aviation			

AEROSPACE INDEPENDENT STUDY

<u>Class</u>	<u>Blue</u>	<u>Red</u>	<u>White</u>
24. Educational display	\$3.00	\$2.00	\$1.50
25. Any other item	\$3.00	\$2.00	\$1.50

AUTO, BIKE, AND TRACTOR

<u>Class</u>	<u>Blue</u>	<u>Red</u>	<u>White</u>
26. Project Item, made	\$3.00	\$2.00	\$1.00
27. Safety educational display	\$3.00	\$2.00	\$1.00
28. Project repair display	\$3.00	\$2.00	\$1.00

SMALL ENGINES

You must be currently enrolled in one skill level of the small engines project. Exhibit up to 4 items.

UNIT 1 -CRANK IT UP!

<u>Class</u>	<u>Blue</u>	<u>Red</u>	<u>White</u>
	\$2.00	\$1.50	\$1.00
29. Picture poster on what you have learned about small engines			
30. Display of basic tools needed to maintain a small engine			
31. Educational display on what you have learned about 2-cycle engines			
32. Educational display on what you have learned about 4-stroke engines			
33. Educational display on proper maintenance of a lawn mower			
34. Small engines parts display board with a brief explanation of the purpose of the parts and how they work			
35. Display on some system that you learned about on small engines (filters, cooling, ignition, etc.)			
36. Any other item			

UNIT 2 -WARM IT UP!

<u>Class</u>	<u>Blue</u>	<u>Red</u>	<u>White</u>
	\$3.00	\$2.00	\$1.50
38. Educational display comparing the different types of engines			
39. Educational poster illustrating/explaining internal parts of an engine			
40. Educational display on how transmissions work			
41. Educational display on how to conduct a compression check			
42. Educational display on how to adjust a carburetor			
43. Display using a real small engine with a brief explanation showing steps in preparing a small engine for storage			
44. Carburetor parts display board with a brief explanation of the purpose of the parts and how they work together			
45. An income and expense record of your lawn mowing business, including costs, hours worked, pay for individual jobs, etc.			
46. Any other item			

UNIT 3 -TUNE IT UP!

<u>Class</u>	<u>Blue</u>	<u>Red</u>	<u>White</u>
	\$4.00	\$3.00	\$2.00
47. Educational display on how to use diagnostic tools on engines			
48. Educational display on how to tear down/reassemble a small engine			
49. Educational display on the electrical system of a small engine			
50. Educational display about emissions systems on small engines and future trends			
51. Educational display on how to remove and sharpen a mower blade			
52. Educational display about careers in small engines			
53. Educational display on finding resources about small engines online			
54. Educational display on trouble-shooting common problems with small engines			
55. Educational display about small engine designs			
56. Any other item			



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SMALL ENGINES INDEPENDENT STUDY

Class	Blue	Red	White
57. Any unlike item	\$3.00	\$2.00	\$1.50
58. Educational display or poster	\$3.00	\$2.00	\$1.50
59. Other	\$3.00	\$2.00	\$1.50

CHAMPION MECHANICAL SCIENCEAward
RESERVE CHAMPION MECHANICAL SCIENCE.....Award
 Both courtesy of Montana Logging Association

DIVISION 2110 – POSTERS, PROJECT BOOKS & 4-H SCRAPBOOKS

Classes in this division will not be judged on the Danish System, with the exception of numbers 7 & 8.

Entries judged on neatness and completeness. Current year material only. 4-H scrapbooks may contain pictures, clippings, programs, trip reports, etc. Books will be judged from the standpoint of appearance, neatness, completeness and the amount of interesting, pertinent 4-H material contained therein.

Class	Blue	Red	White
1. Agriculture poster	\$2.00	\$1.50	\$1.00
2. Shop work poster			
3. Poster on any other FFA, Vo-Ag or 4-H subject			
4. Official Montana Farm Account Book			
5. Conservation Project Book, "Individual"			
6. Conservation Project Book "Club"			
7. Club scrapbook, giving history of club			
8. Individual scrapbook indicating member's activities in & out of 4-H			

BEST OF SHOW CLUB SCRAPBOOK.....Award
 Courtesy of Sue Schmidt

DIVISION 2120 – VET SCIENCE

Class	Blue	Red	White
1. Veterinary Science Project display	\$3.00	\$2.00	\$1.50
2. Educational poster on some aspect of veterinary science			
3. Educational display with special project write-up			
4. Project notebook–May include research, plans, stories, photos, etc.			

DIVISION 2125 – CATS

To exhibit in this category, you must be currently enrolled in the 4-H Cat Project. Exhibits may be entered in up to 3 classes.

Class	Blue	Red	White
1. Notebook with plans, records, pictures, etc.	\$3.00	\$2.00	\$1.50
2. Educational display on health care			
3. Educational display on breeds of cats			
4. Other educational display			
5. Item (toy, scratching post or other) you have made for your cat			
6. Cat carrier you have made or decorated			
7. Picture story of pet with captions in a notebook of stories, photos, etc.			

DIVISION 2126 – DOGS

To exhibit in this category, you must be currently enrolled in the 4-H Dog Project. Exhibits may be entered in up to 3 classes.

Class	Blue	Red	White
1. Notebook with plans, records, pictures, etc.	\$3.00	\$2.00	\$1.50
2. Educational display on health care			
3. Educational display of dog breeds			
4. Other educational display			

- Item (toy, bed or other) you have made for your dog
- Picture story of pet with captions in a notebook

DIVISION 2130 – EXPLORING 4-H

Class	Blue	Red	White
1. You may exhibit up to 4 items you made in your project this year.	\$2.00	\$1.50	\$1.00

DIVISION 2135 – COWBOY POETRY

To exhibit in this category, you must be currently enrolled in the 4-H Cowboy Poetry Project. There is only one level in this project and it is self-paced. Exhibits may be entered in up to 4 classes.

(Awards per class: Blue = \$3.00; Red = \$2.00; White = \$1.00)

Class
1. A poster showing what you have learned about cowboy poetry
2. Display of 3 or more original poems you wrote during the current year
3. An educational display related to what you have learned about rhymes schemes or meter
4. An educational display about some of the classic cowboy poets
5. An educational display about local area Western culture or history
6. Display of examples of cowboy poetry you found in your local library
7. A photo story of your participation in a cowboy poetry gathering
8. A photo story showing you teaching others to write and receipt their own original poetry
9. Any educational display related to what you learned in this project

ARTS, CRAFTS, CERAMICS CAKE DECORATING

DIVISION 2139 SUB-JUNIORS
 (Age 11 & under as of Oct 1, 2017)

DIVISION 2140 JUNIORS
 (ages 12 & 13)

DIVISION 2141 SENIORS
 (ages 14 & over)

All articles must be the work of the member enrolled in the project during the current 4-H year. Exhibitor must have age (as of October 1st of current year) and years in project on entry tag. Maximum of 4 exhibits in each class. Entries must be marked ORIGINAL or made from a KIT.

(Awards per class: Blue = \$2.00; Red = \$1.50; White = \$1.00)

Class
1. Leather craft
2. Craft item
3. Fine art, drawings and paintings

CAKE DECORATING

Open to all members enrolled in any food unit

Class
4. Cake decorating (using a cake form or a box instead of a cake)

CERAMICS

Can enter up to 3 items in separate class numbers

Class
5. Stains
6. Glaze
7. Overglaze
8. Underglaze
9. Decal
10. Chalk
11. Other



4-H/FFA GENERAL PROJECTS



AWARDS

- CHAMPION & RESERVE CHAMPION FINE ARTS SENIOR Awards**
CHAMPION & RESERVE CHAMPION FINE ARTS JUNIOR Awards
 Both courtesy of Flathead 4-H Foundation in memory of Florence Borgen
- BEST HAND-TOOLED LEATHER CRAFT ITEM..... Trophy**
BEST LEATHER CRAFT ITEM (Not hand tooled) Trophy
 Both courtesy of Bill & Linda Stewart
- BEST OF SHOW DECORATED CAKEAward**
 Courtesy of Marjorie Olsen Family
- CHAMPION CERAMIC ITEM.....Award**
 Courtesy of Sherry Caverly
- RESERVE CERAMIC ITEM.....Award**
 Courtesy of Floretta Caverly
- BEST OF SHOW SUB-JUNIOR ARTS & CRAFTS.....Award**
BEST OF SHOW JUNIOR ARTS & CRAFTS.....Award
BEST OF SHOW SENIOR ARTS & CRAFTSAward
 All of above courtesy of Kalispell Farmers Market
- ARTS & CRAFTS EXHIBITS, PEOPLES' CHOICE AWARDAward**
 Courtesy of TBA

DIVISION 2150 – GROUP SELF-DETERMINED

Enrolled in project. Record sheet is not part of exhibit. Maximum of 4 different exhibits in this division. May not enter similar exhibit elsewhere.

Class	Blue	Red	White
1. Item made by Junior	\$2.00	\$1.50	\$1.00
2. Item made by Senior	\$2.00	\$1.50	\$1.00
3. Related education display	\$2.00	\$1.50	\$1.00

DIVISION 2160 – INDIVIDUAL SELF-DETERMINED

(Ag or Home-Economics related; one exhibit only)

Exhibitor must be enrolled in project. Exhibit must include the 4-H Record Sheet for the Individual Self-Determined Project OR a written report of:

- your beginning plan (what you planned to do, study or accomplish),
- a narrative report of what you did (your results, learning (pictures may help) plus the actual exhibit or display about the project).

Judged on complexity, amount of work, results, and display effectiveness.

Class	Blue	Red	White
1. Individual self-determined exhibit	\$6.00	\$4.00	\$2.00

**CHAMPION & RESERVE CHAMPION
 SELF-DETERMINED PROJECT.....Award**
 Courtesy of Gerry & Sherry Madsen In Memory of Jason Madsen

DIVISION 2165 – TEEN LEADERSHIP

Class	Blue	Red	White
1. A display, notebook, picture story (or combination) listing goals, activities, pictures, persons worked with, and a leader's evaluation.	\$6.00	\$4.00	\$2.00

BEST TEEN LEADERSHIP ENTRY.....Award
 Courtesy of George & Sandy Wortman

DIVISION 2170 – SHORT-TERM PROJECTS

Enrolled in short-term project (shooting sports, rock hounds, robotics, etc).

Class	Blue	Red	White
1. Short-term project exhibit, may include notebook, pictorial display, poster, etc.	\$2.00	\$1.50	\$1.00

DIVISION 2175 – SPORT FISHING

To exhibit in this category, you must be currently enrolled in one skill level of the Sport Fishing project. Exhibit up to 4 items (and only 1 per class).

(Awards per class: Blue = \$2.00; Red = \$1.50; White = \$1.00)
LEVEL 1 – TAKE THE BAIT

Class

- Picture poster showing what you have learned about sport fishing
- Display of lures and/or flies that you have made
- Educational display related to what you have learned about different types of fish
- Educational display related to what you have learned about fishing
- Display of your fishing log or casting record
- Display of common fishing tackle equipment
- Display of basic fishing knots
- Display of 3 rigging systems

LEVEL 2 – REEL IN THE FUN

Class

- Educational display comparing different types of casting techniques
- Display of lures and/or flies that you have made
- Display of your fishing log or casting record
- An educational display identifying the different parts of a fish
- An educational display of your favorite fish recipes
- Exhibit of your own hand-made fishing wallet
- Display of at least 6 intermediate fishing knots (e.g. trilene, surgeons, uni-knot, world's fair knot, two- fold open and blood knot)
- An educational display related to what you have learned about different types of fish
- Educational display related to what you have learned in this project

LEVEL 3 – CAST INTO THE FUTURE

Class

- Educational display showing how you introduced a friend to fishing
- An educational display showing the four different types of reels
- An educational display of artificial flies and lures you have made
- An educational display of the different sizes and types of hooks
- An educational display showing at least 8 kinds of aquatic insects
- An educational display about fishing habitats
- An educational display about fishing ethics
- A display of your fishing journal
- Educational display about different kinds of fish found in Montana
- Educational display related to what you have learned in this project

DIVISION 2176 – COMMUNICATIONS

(Exhibit up to 4 items in your level- 1 per class)

(Awards per class: Blue = \$2.00; Red = \$1.50; White = \$1.00)
LEVEL 1 - PICKING UP THE PIECES

Class

- Display of a comic strip you created
- Display of a survey you created
- Display of a code you created
- Display of a jingle you created
- Any other exhibit related to this item

LEVEL 2 - PUTTING IT TOGETHER

Class

- Display of first impressions
- Display of your e-mail and chat room etiquette rules
- Display of a public service announcement you created
- Any other exhibit related to this item



4-H/FFA GENERAL PROJECTS

LEVEL 3 - THE PERFECT FIT

Class

10. Display of your journal of positive feedback
11. Display of an ad/flyer you developed
12. Display of a cover letter you wrote
13. Any other exhibit related to this item

COMMUNICATIONS INDEPENDENT STUDY

Class

14. Educational display
15. Any other item

Blue	Red	White
\$2.00	\$1.50	\$1.00

DIVISION 2177 - THEATER ARTS

(Exhibit up to 4 items in your level)

(Awards per class: Blue = \$2.00; Red = \$1.50; White = \$1.00)

LEVEL 1- PLAY THE ROLE

Class

1. Display of tongue twisters you made up
2. Scene you have written with directions indicating voice tone
3. Script you have written with flashback scenes
4. Photos of clown character you created
5. Picture story you created for a script
6. Series of stage pictures for a story
7. Your critical review of a musical

LEVEL 2- BECOME A PUPPETEER

Class

8. Sock puppet you made
9. Rod puppet you made
10. Everyday found object puppet
11. Puppet character you built
12. Puppet stage you built
13. Any other exhibit related to this project

LEVEL 3 - SET THE STAGE

Class

14. Costume you've designed
15. A display of a set you designed and built
16. A display of a color wheel you've designed
17. A play prompt book you created

THEATRE ARTS INDEPENDENT STUDY

Class

18. Educational display
19. Any other item

DIVISION 2178 -- CITIZENSHIP

(Exhibit up to 4 items)

Class

1. Journal created from activities in Navigating Citizenship
2. Create a diorama depicting the three branches of government
3. Create a display of an advertisement
4. Create a display of a letter you have written to the editor
5. Create a visual representation of "one person, one vote"
6. Write a lobbying plan
7. Design a seal and a flag
8. Create a display depicting a service learning project with a tribal organization
9. Create a book of careers
10. Create a display depicting a bill you have written
11. Any other item related to this project

Blue	Red	White
\$2.00	\$1.50	\$1.00

DIVISION 2179 -SERVICE LEARNING

(Exhibit up to 4 items in your level)

(Awards per class: Blue = \$3.00; Red = \$2.00; White = \$1.00)

LEVEL 1- AGENTS OF CHANGE

Class

1. A model of what you see out your window
2. Newspaper you created featuring stories about service
3. A display of index cards for a mission project
4. A display of the Pinnacles and Pitfalls game you created
5. A trophy you created from objects collected at your mission site
6. Any other exhibit related to this project

LEVEL 2- RAISE YOUR VOICE

Class

7. A display of your research/map in selecting a need in the community
8. A display of a survey you used to gather information about a need in the community
9. Create a display of your action steps to meeting a community need
10. Scrapbook, poster, diorama, or other display showing how you meet a community need
11. A display of a public service announcement you made to raise awareness about a community need

SERVICE LEARNING INDEPENDENT STUDY

Class

12. Educational display
13. Any other Item

DIVISION 2180 - 4-H SPECIAL NEEDS YOUTH PROGRAM

Class

1. You may exhibit up to 4 items you made in your project this year.

Blue	Red	White
\$2.00	\$1.50	\$1.00

DIVISION 2190 -- 4-H CLOVERBUDS

(Only participant ribbons awarded in this division)

This class is open to enrolled 4-H Cloverbud members who are enrolled in the Cloverbud project.

Exhibitors will not be rated against each other, but are encouraged and rewarded with special Cloverbud participation ribbons.

No live animals may be exhibited at the fair in this division.

Class

1. Enter up to three (3) items made in the Cloverbud Project
2. Member's book and or record sheets
3. Picture of you with your pet
4. Poster or display about the Farm Animals Cloverbud Project
5. Poster or display about a specific animal, showing animal's parts, how to care for it, and what it eats

BEST CLUB BOOTH DISPLAY.....Award

Courtesy of Country Cousins 4-H Club