

Department 116 – Jr. Natural Sciences/Shooting Sports/Wildlife

Superintendents

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Judging: Monday 1:00 PM – 6:00 PM

Rules/Guidelines:

1. Recommended poster size is 14" x 22". Recommended Display Board size is 18" x 24". Science boards are acceptable for displays.
2. You must cite all resources in written reports.
3. Each member is limited **to not more than three entries in any one division.**
4. Collection of plant specimens in short supply, state and federal protected flowers, endangered species of any kind, bird nest, and/or feathers from non-game species are not allowed. Any exhibit of this type will be disqualified.
5. No live ammunition. Sharp objects must be covered.
6. Taxidermy specimens must be clean and finished.

Division A – Wild Birds

Class No:

1. Drawings or photos of 5-10 birds giving the name, food habits, migratory habits, habitat and nesting habits of each. They must be resident mid-western birds or migratory birds through the Midwest.
2. Bird feeder or house made for this project.
3. Any other exhibit related to the project.

Division B – Fishing

Class No:

1. A journal including at least five fishing trips you have taken.
2. Display of five fishing knots or five boating knots (made out of macramé) and explanation of how each is tied and when you would use each knot.
3. An exhibit of three different reels or five different lures (no live bait) with an explanation of where you would use them and what type of fish you would catch with them. Picture preferred. If lures are used, the hooks must be protected or encased.
4. Exhibit of at least 3-5 different aquatic plants, or aquatic insects, or shellfish, or any combination. Exhibit can be pictures or drawings or properly preserved specimens that are properly labeled. Include habitat information for each.
5. Display of two handmade flies and one plug, with explanation of the purpose of each.
6. Exhibit of at least 5 different fish identified and their habitat.
7. Any other exhibit related to the project.

Division C – Entomology

Class No:

1. Insect collection – 1st year – 10 insects.
2. Insect collection – 2nd year – 20 insects or more (must have 10 new).
3. Insect collection – 3rd year – 30 insects or more (must have 10 new); if beyond 4th year or more must have 10 more new insects than previous year.
4. Poster showing insect parts – properly identified.
5. Exhibit on insect life cycle.
6. Any other creative exhibit related to the project.

Division Rules:

Required information on labels near insect:

- A. Insect's common name, scientific name, & order
- B. Where you collected it (plus county & state)
- C. Date you collected it
- D. Your name or initials.

Division D – Forestry

Class No:

1. Exhibit of 10 tree leaves.
2. Exhibit of 5 specimens of wood - Cross & longitudinal sections showing wood structures
3. Collection of seed of 10 common useful trees.
4. Leaf prints of at least 10 trees.
5. Poster or diorama of one type of forest management practice.
6. Exhibit showing 3-5 tree diseases.
7. Forestry Skill Level Book with certificate.
8. Jar (1/2 pint) of homemade maple syrup. Must provide small sample of same syrup for tasting.
9. Any other exhibit related to the Forestry Project.

Division Rules:

All entries must be properly identified and mounted.

Division E – Exploring Your Environment

Class No:

1. Poster showing how to recycle or the importance of recycling.
2. A useful item made from recycled materials.
3. Exhibit on water or water conservation.
4. Exhibit on rock collection, fossils, or minerals labeled.
5. Exhibit or journal of your weather records.
6. Exhibit or post related to ecosystems.

Division F – Bees

Class No:

1. 8oz or 16oz clear container of white honey.
2. 8oz or 16oz clear container of golden honey.
3. 8oz or 16oz clear container of dark honey.
4. Comb of honey – (1) one.
5. Beeswax Exhibit.
6. Display of bees and queen.
7. Poster or display about honey plants.
8. Poster or display about the uses of honey.
9. Poster or display about setting up a hive.
10. Scrapbooking relating to project.
11. Any other bee or honey related project.

Division Rules:

Recommended sizes: Posters – 14" x 22"; Display boards – 18" x 24"; Science board acceptable for display. Cite all resources in written reports.

Division G – Wildlife/Wildlife Habitat

Class No:

1. Poster or display of wildlife and their favorite foods and/or their homes (minimum 5).
2. An exhibit showing community service involvement related to wildlife.
3. Booklet identifying and describing careers in wildlife ecology (5 minimum).
4. Exhibit on map reading and/or orienteering/GPS.
5. Map and story of migration trail or travel of five different animals and/or birds (booklet format).
6. Cassette recording/DVD/Digital recording of 5 wild animal/bird sounds or their calls with 3" x 5" index card identifying the sequence of animals.
7. Wildlife Project "Camera Hunt" Journal.
8. Poster or display of any phrase of sportsmanship or hunting ethics.
9. Wood duck house, bird house, or bat house with a 3x5" description of bird type using this house.
10. Bat house or bee condo.
11. Plaster track casting of animal track with 3x5 card identifying animal and its habitat.
12. Any finished clean taxidermy article.
13. Homemade animal or bird call.
14. Poster or display related to Wildlife Management Concepts or Management Practices.
15. Wildlife habitat skill level booklet with certificate.
16. Any other wildlife exhibit.

Division Rules:

Recommended sizes: for Posters 14" x 22"; for Display boards 18" x 24"; Science board acceptable for displays. Cite all resources in written reports.

Division H – Wildflowers

Class No:

Unit A – Ages 9-11

1. Collect, press, identify, label, and mount 5 wildflowers.
2. Collect a single blossom of a flower, press and label all of the parts.
3. Exhibit – 10 pages of a field notebook.
4. Collection of pictures and wildflowers with identification and description (min. of 10).

Unit B – Ages 12-14

5. Collect, press, identify, label and mount 20 wildflowers.
6. Make a chart or diagram showing the life cycle of a plant.
7. Make a display: Mount and press the leaves of plants showing leaf arrangement, types of leaves, and leaf margins.
8. Exhibit – 15 pages of a field notebook. Pages should be new other than Unit A.
9. Collection of pictures of wildflowers with identification & description (min. of 15).

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Unit C – Ages 15 and Older

10. Collect, press, identify, and mount 15 wildflowers collected from one or two selected habitats such as a marsh, bog, prairie, maple woods, etc.
11. Exhibit – 15 pages of a field notebook, to include one or two selected habitats.
12. Collection of pictures of wildflowers with identification & description (min. 20).

Division Rules:

Project will be disqualified if any endangered or invasive flowers are included in exhibit.

Division I – Outdoor Adventures

Class No:

1. Poster/display on safety for outdoor adventure activities.
2. Poster/display on outdoor survival.
3. Exhibit of first aid items needed for an OUTDOOR ADVENTURE. Items need to be labeled along with their function.
4. Exhibit of adventure equipment. Items need to be labeled along with their function.
5. Scrapbook or collection related to outdoor activities.
6. Exhibit on Canoe or Kayak trip.
7. Exhibit on map reading and orienting or use of GPS.
8. Exhibit showing food, supplies and equipment needed for a 3-day proposed family adventure, include a detailed itemized budget.
9. Exhibit of 6 family adventure photographs with captions.
10. Any other exhibit related to Adventures or Winter Travel.

Division Rules:

Recommended sizes: Posters 14" x 22", Display boards 18" x 22".

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Division J – Shooting Sports – Archery

Class No:

1. Handmade belt quiver or ground quiver or bow case.
2. Handmade arm guard, finger tab, or glove.
3. Target backstop, bow rack, or arrow rack.
4. Poster display of 3 types of target faces. Explain how they are scored.
5. Poster showing parts of bow or an arrow (NO REAL ARROWS).
6. Poster or display showing archery safety.
7. Poster or display on how to score a target.
8. An exhibit showing community service involvement related to archery.
9. Poster on how to determine dominate eye.
10. Archery Skill Level Booklet with certificate.
11. Any aspect of the history of archery.
12. Any other handmade article or exhibit related to archery or wildlife.

Division Rules:

Recommended sizes: For Posters 14" x 22"; Display boards 18" x 24"; Science board acceptable for display. Cite all resources in written reports.

Division K – Shooting Sports – Air Rifle

Class No:

1. Poster identifying the parts of an air rifle.
2. Poster illustrating firing positions or emphasizing gun safety.
3. Poster illustrating care and cleaning or cleaning kit.
4. Air Rifle Skill Level Booklet with certificate.
5. Poster or display on how to score an air rifle target face.
6. Poster or display on types of air rifle sights.
7. Kneeling Roll.
8. Pellet block or pellet stand.
9. Any other item related to air rifle with prior approval of entry by 4-H youth educator or county shooting sports coordinator.
10. Any other handmade article or exhibit related to wildlife.

Division Rules:

Recommended sizes: For Posters 14" x 22"; Display boards 18" x 24"; Science board acceptable for display. Cite all resources in written reports.

Division L – Shooting Sports – Shotgun

Class No:

1. Poster or display identifying the parts of a shotgun.
2. Poster illustrating firing positions or emphasizing gun safety.
3. Poster illustrating care and cleaning of gun or Gun Cleaning kit with instructions.
4. Poster or display telling story of proper gun handling in one of the following areas: carrying positions, crossing a fence, group hunting.
5. A poster or display describing transporting a gun in a car, boat, and ATV.
6. Poster or display of proper gun storage in the home.
7. Journal or diary of shooting or hunting experiences (5 shooting sessions or 3 hunting trips).
8. Shotgun Skill Level Booklet with certificate.
9. Homemade gun case or shell pouch.
10. Any other item related to shotgun with prior approval of entry by 4-H youth educator or County Shooting Sports Coordinator.
11. Any other handmade article of exhibit related to wildlife.

Division Rules:

Recommended sizes: For Posters 14" x 22"; Display boards 18" x 24"; Science board acceptable for display. Cite all resources in written reports. NO LIVE AMMUNITION.

Division M – Shooting sports – Muzzleloading

Class No:

1. Poster OR display on safety rules for muzzleloading.
2. Homemade muzzleloading accessory.
3. Exhibit or report on the history of black powder firearms.
4. Poster or display on cleaning, maintenance, or storage of your firearm.
5. Muzzleloading Skill Level Booklet with certificate.
6. Any other item related to muzzleloading with prior approval of entry by 4-H Youth Educator or County Shooting Sports Coordinator.
7. Any other handmade article or exhibit related to wildlife.

Division Rules:

Recommended Sizes: for Posters 14" x 22"; Display boards 18" x 24"; Science Board acceptable for display. Cite all resources in written reports. No powder and/or caps.

Division N – Water

Class No:

1. Water conservation techniques or methods.
2. Local or national water pollution issues.
3. Local water issues.
4. Portfolio discussing a developed and implemented plan for addressing a specific water issue in the environment.
5. Any other water related exhibit.

Division Rules:

Recommended Sizes: for Posters 14" x 22"; Display boards 18" x 24"; Science Board acceptable for display. Cite all resources in written reports.

Division O – Recycling

Class No:

1. Item made from recycled materials (can characters, junk mail collage, etc).
2. Poster on how to compost.
3. Illustrate reduce, reuse, and recycle.
4. Five recyclable and five non-recyclable materials.
5. Paper making.
6. Vermiculture (composting with worms).
7. Any other recycling exhibit (e.g. item made from recycled materials).

Division Rules:

Recommended Sizes: for Posters 14" x 22"; Display boards 18" x 24"; Science Board acceptable for display. Cite all resources in written reports.

Division P – 4-H Summer Camp

Class No:

1. Poster OR Display relating to 4-H Summer Camp (2 dimensional only).
2. Scrapbook or Journal relating to 4-H Summer Camp.
3. Any other exhibit relating to 4-H Summer Camp.

Division Rules:

Open to all 4-H members who attend 4-H Summer Camp in the current 4-H year. Recommended Sizes: for Posters 14" x 22"; Display boards 18" x 24"; Science Board acceptable for display. Cite all resources in written reports.

Division Q – Shooting Sports - .22 Rifle

Class No:

1. Poster identifying the parts of a rifle.
2. Poster illustrating firing positions or emphasizing gun safety.
3. Poster illustrating care and cleaning or cleaning kit.
4. .22 Rifle Skill Level Booklet with certificate.
5. Poster or display on how to score a .22 rifle target face.
6. Kneeling Roll or shooting bench.
7. Ammunition block or stand.
8. Any other item related to .22 rifle with prior approval of entity by 4-H Youth Educator or County Shooting Sports Coordinator.
9. Any other handmade article or exhibit related to wildlife.

Division R – Wisconsin Wildlife & Forestry

Class No:

1. Trail cam photo or photo of predator. Identify animal and its habitat and where the photo was taken on 3"x5" card.
2. Trail cam or photo of game animal. Identify animal and its habitat and where the photo was taken on 3"x5" card.
3. Plaster cast of Wisconsin animal track. 3x5 card with identification and habitat of animal.
4. Photo of songbird properly identified and where taken.
5. Poster of 4 Wisconsin wild mammals, migratory birds or waterfowl; properly identified and their habitat.
6. Exhibit of an Wisconsin Invasive plant species and control measures.
7. Taxidermy that you have mounted. Properly Identified.
8. Wildlife or Forestry Skill Level Book with certificate.
9. Management practice or concepts for wildlife habitat or forestry.
10. Collection of leaves, seeds, OR bark from 5-8 species with identification.
11. Tree diseases in Wisconsin. Identify 3-5 diseases including characteristics and treatment.
12. Recycled item for wildlife use. (e.g. feeder, nesting material, etc.)
13. Any other exhibit related to wildlife or forestry.

Division Rules:

All wildlife exhibits must be from Wisconsin.

Open to youth participating in Wildlife WHEP and forestry activities. Recommended Sizes: for Posters 14" x 22"; Display boards 18" x 24"; Science Board acceptable for display. Cite all resources in written reports.

Division S – Geocaching/GPS/GIS

Class No:

1. Create a poster or notebook on some aspects of Geocaching.
2. Create a Record Book/Notebook tracking your geocache adventures for the current year.
3. Display a collection of your favorite geocache found items.
4. Create a traditional geocache that is ready to hide.
5. Create a mystery/puzzle geocache that is ready to hide.
6. Create a gadget cache that is ready to hide.
7. Plan and conduct a geocaching outing.
8. Display explaining how the Global Positioning System (GPS) works. Include marking and editing a waypoint, changing field functions, and changing the coordinate system in the unit.
9. Exhibit describing the most likely hazards you may encounter while participating in geocaching activities, and what you should do to anticipate, help prevent, mitigate, and respond to these hazards.
10. GEOSPATIAL: Poster: types of geographical tools or uses of geographical tools.
11. Any other exhibit related to Geocaching, GPS, or GIS.

Division T – Shooting Sports – Pistol (Air Pistol and .22 Pistol)

Class No:

1. Poster or display on safety rules for a pistol.
2. Poster or display on cleaning, maintenance, and storage of your firearm.
3. Poster showing parts of a pistol.
4. Cleaning kit for a pistol.
5. Poster showing types of pistol ammunition.
6. Poster or display on how to score a .22 pistol target or an air pistol target.
7. Any other handmade article or exhibit related to wildlife.

Premiums Chart:

| Department | Division group | Class description | 1st | 2nd | 3rd | 4th |
|------------|----------------|---|--------|--------|--------|--------|
| 116 | A - T | ALL CLASSES | \$2.00 | \$1.75 | \$1.50 | \$1.25 |
| | | | | | | |
| | A | Wild Birds | | | | |
| | B | Fishing | | | | |
| | C | Entomology | | | | |
| | D | Forestry | | | | |
| | E | Exploring Your Environment | | | | |
| | F | Bees | | | | |
| | G | Wildlife/Wildlife Habitat | | | | |
| | H | Wildflowers | | | | |
| | I | Outdoor Adventures | | | | |
| | J | Shooting Sports - Archery | | | | |
| | K | Shooting Sports - Air Rifle | | | | |
| | L | Shooting Sports - Shotgun | | | | |
| | M | Shooting Sports - Muzzle Loading | | | | |
| | N | Water | | | | |
| | O | Recycling | | | | |
| | P | 4-H Summer Camp | | | | |
| | Q | Shooting Sports - .22 Rifle | | | | |
| | R | Wisconsin Wildlife & Forestry | | | | |
| | S | Geocaching/GPS/GIS | | | | |
| | T | Shooting Sports - Pistol (Air Pistol and .22 Pistol | | | | |