

DEPT. 16 - NATURAL SCIENCES

Judging Day – Monday of week preceding the fair

Judging Location - Youth Building

Judging Time - 2:00 p.m. to 6:00 p.m.

Entry Limit - Maximum of 4 entries per class

Additional Rules of Entry

- Posters must be 14"x22" (2 posters per exhibitor max.). Displays must be no larger than 2'x2' (except for insect displays)
- Project ribbons will be awarded based on a premium shoot at the end of the archery training season. This will be based on the type of bow, number of aids, and the grade of the participant.
- Any collections must include the appropriate number of different identified number of different identified specimens. Labels required under each specimen including the name of the specimen (may also include scientific name), collection habitat, and any other information deemed helpful.

CLASS A - BIRDS

<u>Lot No./Description</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
1. Booklet with drawings or cut-outs of 15 birds, giving the name, food habits, migratory habits, habitat, and nesting of each	\$ 2.00	\$ 1.75	\$ 1.50	\$ 1.25
2. Bird feeder	2.00	1.75	1.50	1.25
3. Photos-4 or more bird nests. Identify type, location, and date found	2.00	1.75	1.50	1.25
4. Any other project related to bird project	2.00	1.75	1.50	1.25

CLASS B - FISHING

Additional Rules of Entry

- Fishing hooks must be covered with Styrofoam, tape or glue

<u>Lot No./Description</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
7. Lure Display on flat wooden 2'x2' board – 4 jigs, 4 spoons, 4 spinners, 4 crank baits, 2 musky plugs	\$ 2.00	\$ 1.75	\$ 1.50	\$ 1.25
8. Fish ID guessing game – poster - fish pictures – fish names with flip cover	2.00	1.75	1.50	1.25
9. Poster - Tips for catch & release, 5 tips minimum	2.00	1.75	1.50	1.25
10. Fishing log or record – keep records of fishing trips with photos, a brief description of what was learned or tried, weather conditions, lake conditions, types of fish caught, etc.	2.00	1.75	1.50	1.25
11. Any other display related to fishing project	2.00	1.75	1.50	1.25

CLASS C – ENTOMOLOGY - INSECTS

Additional Rules of Entry

- Insects must be properly killed, mounted and identified
- Identification must include common name, scientific name, date and location

<u>Lot No./Description</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
15. Display of at least 3 pieces of insect collections equipment (i.e., net, killing jar, tweezers, traps, etc.)	\$ 2.00	\$ 1.75	\$ 1.50	\$ 1.25
16. 1 st year-20 species of insects	2.00	1.75	1.50	1.25
17. 2 nd year-add 20 more species of insects to your 1 st year collection	2.00	1.75	1.50	1.25
18. 3 rd year and above-add 20 more species of insects to your collections each year	2.00	1.75	1.50	1.25
19. Scrapbook: 20 species of insects- a. Photograph or drawing of each b. Properly identified with scientific name c. Describe habitat d. Describe eating habits	2.00	1.75	1.50	1.25
20. Display with pictures of insects properly identified	2.00	1.75	1.50	1.25
21. Educational poster related to the insect project	2.00	1.75	1.50	1.25

22. Any other display related to the insect project	2.00	1.75	1.50	1.25
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CLASS D - WILDFLOWERS

<u>Lot No./Description</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
25. Collection of wildflowers	\$ 2.00	\$ 1.75	\$ 1.50	\$ 1.25
26. Collection of flower blossoms	2.00	1.75	1.50	1.25
27. Chart of life cycle of a plant	2.00	1.75	1.50	1.25
28. Leaf collection	2.00	1.75	1.50	1.25

CLASS E – SHOOTING SPORTS (Archery / Air Rifle / Rifle)

Project ribbons will be awarded based on a tournament style shoot at the end of the shooting training season. This will be based on the type of bow/air rifle, number of aids, and the grade of the participant. This will be done prior to fair.

<u>Lot No./Description</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
35. Poster or display related to a shooting sport	\$ 2.00	\$ 1.75	\$ 1.50	\$ 1.25
36. Artifacts or display or handmade items related to a shooting sport	2.00	1.75	1.50	1.25
37. Poster or display identifying the parts of a bow or rifle with a key to the purpose of each part	2.00	1.75	1.50	1.25
38. Poster or display identifying common game birds and animals, with notes of identification, feeding habits, reproductions, habitat requirements, and state laws regarding hunting of the animal or bird	2.00	1.75	1.50	1.25
39. Poster or display on preparing game such as skinning, plucking, drawing, etc.	2.00	1.75	1.50	1.25
40. Poster showing state laws, regulating game birds and animals (5 topics)	2.00	1.75	1.50	1.25
41. Any other original display related to sportsmanship	2.00	1.75	1.50	1.25
42. Individual archery shooting skills– done prior to fair	2.00	1.75	1.50	1.25
43. Individual air rifle shooting skills – done prior to fair	2.00	1.75	1.50	1.25

CLASS F - HUNTING

<u>Lot No./Description</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
45. Poster display of at least 10 types of guns - sketches/ pictures to identify. Include name, action, design, etc.	\$ 2.00	\$ 1.75	\$ 1.50	\$ 1.25
46. Poster display identifying the parts of a gun, with a key to the purpose of each part	2.00	1.75	1.50	1.25
47. Poster or display identifying common game animals and birds (5 species) with notes on identification, feeding habits, habitat requirements	2.00	1.75	1.50	1.25
48. Poster or display on preparing game such as skinning, plucking, drawing, etc.	2.00	1.75	1.50	1.25
49. Poster showing state laws, regulating game birds and animals (5 topics)	2.00	1.75	1.50	1.25
50. Any other original display related to sportsmanship	2.00	1.75	1.50	1.25
51. Any other original display or exhibit pertaining to the shooting sports project, approved by the leader	2.00	1.75	1.50	1.25

CLASS G - OTHER NATURAL SCIENCES

<u>Lot No./Description</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
55. Any original display related to Natural Sciences not listed above. (Nature, Wildlife, Camping, Winter Travel, Boating, Introduction to nature, etc.)	\$ 2.00	\$ 1.75	\$ 1.50	\$ 1.25
56. Any display related to backpacking	2.00	1.75	1.50	1.25