

Environmental Education and Earth Science

Department 10 4-H and Vocational

4-H and Vocational

General Regulations for 4-H and Vocational

Eligibility:

- 1 4-H Club members must have passed their eighth birthday but not have passed their nineteenth birthday by January 1 of the current year.
- 2 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.
- 3 Students enrolled in an accepted vocational school curriculum must be conducting a project in the class in which they wish to make entry.
- 4 Students enrolled in general home economics in a comprehensive high school are considered as qualifying.
- 5 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.
- 6 NOTE: In any case where there is reference to 4-H and Vocational classes, the Fair has the option - if there is 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.
- 7 NOTE: 4-H or FFA member must be present and must have charge of his/her animal at the time of judging.

What's the real purpose of youth (4-H & FFA) livestock projects?

- 1 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.
- 2 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.
- 3 This curriculum also presents the idea that people develop and strengthen character by practicing certain behaviors just as muscles are built through exercise.
- 4 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:
 - a) 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

- b) 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
 - c) 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)
 - d) Fairness - involves consistently applying rules and standards appropriately for different age groups and ability levels. 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
 - e) Caring - promoting the well being 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 at all times
 - f) 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
- 5 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 Environmental Education and Earth Science

- 1 Each item must have been made by a 4-H member who is enrolled in a 4-H project within the current year.
- 2 Exhibits should portray base requirements as outlined in specific 4-H projects
- 3 Posters shall be size 14" x 22" (half of a large poster board)

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| Superintendent | Telephone |
| Susan Belford | 724-254-2239 |
| Jeanene Stewart | 724-254-4649 |

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|----------------|-------------|--------|-------------|--------|
| | 1st | 2nd | 3rd | 4th |
| | \$3.00 | \$2.50 | \$2.00 | \$1.50 |
| D = Department | S = Section | | C = Class | |
| D | S | C | Description | |

Natural Resources**(grades 3-6) - Entry, Exploratory**

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| 10 | M63 | 221 | Adopt A Tree – Poster display showing your tree in each of the four seasons. |
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(grades 4-6)- (Beginner)

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| 10 | M65 | 223 | Treetop – Tree Touch Box |
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(grades 6-10) - Intermediate

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| 10 | M67 | 225 | Poster of your favorite tree and products we enjoy from the tree. |
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| 10 | M67 | 227 | An educational display about renewable and nonrenewable resources. |
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| 10 | M67 | 229 | Poster of jobs related to the forest. |
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(grades 10-12) - Advanced**Advancing in Forestry**

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| 10 | M69 | 231 | A display showing correct use of fire to improve forest. |
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| 10 | M69 | 233 | A display showing low and high fire hazard forest areas. |
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| 10 | M69 | 235 | A display showing the results of burning forest display activity. |
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| 10 | M69 | 237 | A poster teaching a concept of fire safety. |
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| 10 | M69 | 239 | A display of historical fire activity in your area. |
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| 10 | M69 | 241 | A display showing how fire affects a forest ecosystem. |
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Wildlife Conservation**(grades 3-6) - Entry, Exploratory**

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| 10 | M71 | 243 | A 4-H Wildlife is all around Us: |
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(grades 4-6) - Basic

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| 10 | M71 | 245 | Spring – birdhouse |
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| 10 | M71 | 247 | Summer – 3 plaster casts of animal tracks |
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| 10 | M71 | 249 | Fall – poster of a map describing types of cover for animals |
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| 10 | M71 | 251 | Winter - poster describing animal signs found in winter |
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| 10 | M71 | 253 | Spring – birdhouse |
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| 10 | M71 | 255 | Endangered Wildlife - workbook with a poster of the species you have chosen |
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| 10 | M71 | 257 | Woodworking for Wildlife - item made from the book |
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| 10 | M71 | 259 | Woodworking for Wildlife - nesting box, feeder, or other item made from book |
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(grades 6-10) - Intermediate

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| 10 | M71 | 261 | Wildlife Ecologist - nature journal |
| 10 | M71 | 263 | Wildlife Manager - Wildlife management plan based on project |

Wildlife Conservation Series

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| 10 | M71 | 265 | The Wildlife Ecologist, (Book 1 [12 – 14] years) |
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Wildlife is All Around Us

Make an exhibit using materials collected, constructed, or photographed to illustrate one specific idea you learned or worked with. Include Written explanation of display.

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| 10 | M73 | 267 | Book 1 – The Wildlife Detective - |
| 10 | M73 | 269 | Book 2 – Spring |
| 10 | M73 | 271 | Book 3 – Summer |
| 10 | M73 | 273 | Book 4 – Fall |
| 10 | M73 | 275 | Book 5 – Winter |

Endangered Wildlife

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| 10 | M75 | 277 | Part 1 – A poster or educational display on the species you chose. |
| 10 | M75 | 279 | Part 2 – A poster or educational display our recovery plan for your selected species/ |

Entomology

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| 10 | M77 | 281 | Unit I Collection - minimum of 25 different insects representing 5 insect orders |
| 10 | M77 | 283 | Unit II Collection – minimum of 50 different insects representing 7 insect orders |
| 10 | M77 | 285 | Unit III Collection – minimum of 75 different insects representing 9 insect orders |
| 10 | M77 | 286 | Unit IV Collection – minimum of 100 different insects representing 10 insect orders |
| 10 | M77 | 287 | Catch the Bug – A 4-H project story. |
| 10 | M77 | 288 | Catch the Bug – (25) species of insects of 5 orders mounted and labeled. |