State Project Awards

Former participants in the State 4-H project award program share what made them successful and what they gained from the experience at http://www.extension.iastate.edu/4h/page/recognition-opportunities.

Selection Procedure

<table>
<thead>
<tr>
<th>Opportunity or Award</th>
<th>Grade Requirement</th>
<th>Time Schedule</th>
<th>Selection Procedure</th>
<th>Application and Supporting Materials</th>
<th>Eligibility Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Project Awards</td>
<td>Grade 9-12 at time of application</td>
<td>Application must be submitted online by 11:59 PM February 1, 2015. Interview March 28, 2015</td>
<td>Evaluation &amp; interview at State level. Fifty State Project Award recipients selected (Selection contingent upon available funding in 2015)</td>
<td>Application questions and up to 2 pages of support material (see application for format)</td>
<td>*Can submit no more than 2 project areas per year. *Can win only one state project award per year. *Can win a project area one time only.</td>
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<tr>
<td>$100 tentative award (TBA)</td>
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Purpose

- 4-H incentives and recognition programs are provided to motivate youth to participate, learn and evaluate their 4-H experiences. Opportunity for recognition is available in all project areas.

Educational Objectives/Outcomes

<table>
<thead>
<tr>
<th>Recognition Program</th>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMMON TO ALL PROGRAMS</td>
<td>• Develop leadership abilities, build character and assume citizenship responsibilities.</td>
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<td>• Develop skills, knowledge, and attitudes for lifelong use.</td>
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<td>• Share knowledge gained with others.</td>
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<td>• Explore career opportunities.</td>
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IOWA STATE UNIVERSITY
Extension and Outreach

Iowa State University Extension programs are available to all without regard to race, color, age, religion, national origin, sexual orientation, gender identity, genetic information, sex, marital status, disability, or status as a U.S. veteran. Inquiries can be directed to the Director of Equal Opportunity and Compliance, 3280 Beardshear Hall, (515) 294-7612.

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td><strong>ANIMALS</strong></td>
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</table>
| **BEEF**            | - Learn basic principles of animal science by owning, caring for, and keeping records on one or more head of livestock.  
                      - Demonstrated knowledge of sound breeding, feeding, and management practices.  
                      - Learn value of scientific research in its influence on animals and the meat industry. |
| **DAIRY CATTLE**    | - Acquire skills in dairy production through ownership and care of dairy animals.  
                      - Learn marketing, processing, distribution, consumption, and use of dairy products.  
                      - Practice principles of cleanliness and sanitation in production and care of dairy products.  
                      - Learn nutritive value of dairy products and promote their use. |
| **DAIRY GOAT**      | - Acquire skills in selection, care, breeding, and management of goats.  
                      - Learn marketing, processing, distribution, consumption, and use of dairy products.  
                      - Learn nutritive value of dairy products and promote their use. |
| **DOG**             | - Learn major dog breeds and identify their characteristics.  
                      - Study responsibilities of dog ownership.  
                      - Demonstrate dog care and management in feeding, handling, record-keeping, grooming, and fitting.  
                      - Learn dog health regulations, first aid, and simple treatments for ailments. |
| **HORSE & PONY**    | - Appreciate riding as recreation.  
                      - Learn horsemanship skills and understand breeding, training, and raising of horses as a business.  
                      - Acquire skills in horse management by owning and being responsible for an animal.  
                      - Acquire safety skills to prevent injury to persons and animals. |
| **MEAT GOAT**       | - Learn basic principles of animal science by owning, caring for, and keeping records on one or more head of livestock.  
                      - Gain knowledge of sound breeding, feeding, and management practices.  
                      - Identify quality in wholesale and retail cuts of animals to understand the relationship to management principles. |
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| PETS (Bird, cat, fish, hamster, etc.) | • Identify breeds and animal species and their characteristics.  
  • Learn about the selection, care, needs of pets, and basic principles of pet behavior.  
  • Demonstrate care and management in feeding, handling, grooming, and fitting/showing.  
  • Explore health regulations, first aid, and simple treatments for ailments.  
  • Learn and practice ownership responsibilities. |
| POULTRY | • Learn basic principles of poultry science by caring for and keeping records on one or more head of poultry.  
  • Explore knowledge of sound breeding, feeding, and management practices.  
  • Investigate current issues facing the industry and how to start a career in the poultry business. |
| RABBIT | • Learn the basic principles of animal science by owning, caring for, and keeping records on one or more head of rabbits.  
  • Explore knowledge of sound breeding, feeding, and management practices.  
  • Investigate marketing, project expansion and how to start a career in the rabbit business. |
| SHEEP | • Learn basic principles of animal science by owning, caring for, and keeping records on one or more head of livestock.  
  • Gain knowledge of sound breeding, feeding, and management practices.  
  • Identify quality in wholesale and retail cuts of meat to understand the relationship to management principles. |
| SWINE | • Learn basic principles of animal science by owning, caring for, and keeping records on one or more head of livestock.  
  • Demonstrate knowledge of sound breeding, feeding, and management practices.  
  • Learn nutritive value of swine products and promote their use. |
| VETERINARY SCIENCE | • Appreciate the importance of good management and sanitation practices in keeping animals and birds healthy.  
  • Learn the values of scientific research and its influence on animals and their health. |
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<td><strong>CREATIVE ARTS</strong></td>
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| **MUSIC**           | - Develop and demonstrate performance skills.  
- Listen to and learn about various types of music.  
- Compose or arrange music.  
- Explore the construction of musical instruments. |
| **PHOTOGRAPHY**     | - Develop skills in taking and using pictures.  
- Learn about photography as an art, a science, and a communication tool.  
- Learn to observe and appreciate surroundings.  
- Recognize photography as a hobby or profession. |
| **VISUAL ART**      | - Explore and experiment with variety of materials to make new art.  
- Develop creative skills and talents.  
- Be confident expressing self through various art forms.  
- Gain understanding of art history, cultures, and various techniques.  
- Master the elements and principles of design.  
- Consider a career or lifetime hobby in art. |
| **AGRICULTURE & NATURAL RESOURCES** | |
| **CROP PRODUCTION** | - Learn how soil, seeds, weather, pests, and fertilizer affect field crops.  
- Learn the value and uses of field crops.  
- Learn how new technology can change the way field crops are grown.  
- Keep records of crop production. |
| **ENVIRONMENT & SUSTAINABILITY** | - Understand the connection between living and non-living things.  
- Learn about the energy cycle and renewable and non-renewable energy.  
- Understand the importance of food, water, shelter, and space for all living things.  
- Learn how to be a good environmental steward – by recycling, conserving, and preserving. |
| **HORTICULTURE**    | - Learn to plan, care for, and manage vegetable and/or flower gardens, lawns, or commercial horticultural crops.  
- Learn about pest management.  
- Learn basic facts about plants and soils.  
- Apply knowledge by experimenting with plants in a laboratory or in the field.  
- Learn about landscaping and water gardens. |
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| OUTDOOR ADVENTURES  | - Understand the importance of and practices necessary for the wise use of the outdoors.  
                           - Have fun in the outdoors with friends and family.  
                           - Develop knowledge of safety and proper behavior.  
                           - Learn about the proper equipment needed and its maintenance and repair for use in the outdoors. |
| SAFETY AND EDUCATION IN SHOOTING SPORTS | - Learn safe and responsible use of firearms and archery equipment including sound decision making, self-discipline, and concentration.  
                                          - Promote the highest standards of safety, sportsmanship, and ethical behavior.  
                                          - Encourage understanding of our natural resources and the development of a personal environmental stewardship ethic through participation in shooting, hunting, and related activities. |
| FAMILY & CONSUMER SCIENCES | |
| CHILD DEVELOPMENT | - Learn basic skills needed as baby-sitters, adults, and potential parents.  
                           - Identify the basic characteristics of children from birth to age six.  
                           - Learn more about oneself and others. |
| CLOTHING | - Develop judgment and creativity in planning a wardrobe expressing individual life-style.  
                          - Develop skills in making and purchasing clothing  
                          - Learn how to use equipment to make and care for clothes  
                          - Learn to make clothing for self and others. |
| CONSUMER MANAGEMENT | - Identify needs and wants, and analyze spending money on each.  
                           - Make informed consumer decisions to reach goals and solve problems in every day living using available resources.  
                           - Know your rights as a shopper. |
| FOOD & NUTRITION | - Use the food pyramid to make healthy food choices.  
                           - Understand principles of nutrition related to health, physical fitness, and appearance.  
                           - Learn how to prepare and store foods safely.  
                           - Understand the scientific principles of nutrition.  
                           - Acquire and demonstrate skills in planning, purchasing, preparing, and serving tasty, attractive, and nutritious meals. |
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| **HEALTH**          | • Learn how to take care of own physical, intellectual, emotional, and social health.  
                     • Learn about health and wellness resources in the community and state.  
                     • Learn about environmental issues as they affect health.  
                     • Learn to make decisions that affect personal, family, and community health. |
| **HOME IMPROVEMENT**| • Master the elements and principles of design to make a house a home.  
                         • Plan home living spaces in keeping with the needs of family members.  
                         • Develop skill in caring for home furnishings and accessories.  
                         • Explore opportunities for environmentally friendly choices in your home. |
| **SEWING & NEEDLE ARTS** | • Learn to sew clothing or other items for yourself and others.  
                               • Learn about fibers and fabrics.  
                               • Apply elements and principles of design to a constructed item.  
                               • Learn how to safely use sewing equipment. |
| **PERSONAL DEVELOPMENT** | **CITIZENSHIP** | • Become aware of relationships to others: family, peers, state, nation, and world.  
                                 • Acquire life skills essential to become an active, responsible citizen.  
                                 • Demonstrate social responsibility, respect, and respond to the needs, rights, and responsibilities of others. |
| **COMMUNICATION**    | • Learn written, oral, visual and electronic communication skills.  
                         • Develop self-confidence through public presentations.  
                         • Practice self-expression and creativity.  
                         • Demonstrate puppetry and stagecraft skills.  
                         • Learn how to organize and present information. |
| **LEADERSHIP**       | • Identify and understand roles, attitudes, tasks, and functions necessary for effective leadership.  
                         • Strengthen local 4-H units in leadership responsibilities and encourage other youth.  
                         • Participate in program planning, development, implementation, and evaluation. |
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| **SELF DETERMINED** | • Learn subject matter skills and knowledge in a selected area of interest.  
• Identify and evaluate reliable sources for information on topic of interest.  
• Learn basic decision making skills.  
• Become a skilled, productive, and self-directed individual. |
| **SCIENCE, TECHNOLOGY, ENGINEERING, & MECHANICS (STEM)** | |
| **MECHANICS** | • Learn skills and techniques to construct or repair needed items.  
• Develop the knowledge of safe practices and procedures.  
• Develop an understanding of the basic principles and theories of electricity.  
• Increase awareness, concern, and knowledge regarding the generation, transmission, and distribution of electrical energy. |
| **WOODWORKING** | • Develop an understanding for fiber products of the forest.  
• Develop skills in the selection and uses of various types of wood and wood products.  
• Develop skills in the selection, care, and safe use of woodworking tools and machines.  
• Learn about environmental protection and the wise use of natural resources. |
| **SCIENCE, TECHNOLOGY, ENGINEERING, & MECHANICS (STEM)** (can also include aerospace, biological & chemical sciences, computers & networking, earth & climate, geospatial mapping, robotics, & science in our everyday lives) | • Develop an interest and understanding of science, engineering, and technology.  
• Develop skills of problem solving and logical reasoning.  
• Improve communication and teamwork skills by working the way scientists and engineers do – in teams.  
• Develop responsible attitudes about science and how science relates to the real world.  
• Gain experience in problem solving and decision making using science process skills. |