

## Objectives by Project

Achievement	<ul style="list-style-type: none"> <li>• Attain a broad knowledge of 4-H projects and activities and their contribution to improving family and community living.</li> <li>• Select a variety of projects for in-depth work and study</li> <li>• Demonstrate transferable life-skills through project work</li> <li>• Become a skilled, productive and self-directing individual</li> <li>• Adopt and apply the latest practices and research findings to everyday living</li> </ul>
Agriculture	<ul style="list-style-type: none"> <li>• Develop, in self and in others, knowledge and respect for agriculture and its importance in the community and to the international economy.</li> <li>• Develop skills that contribute to profitable, efficient farming/ranching and a satisfying way of life.</li> <li>• Help others improve farming/ranching skills and standard of living.</li> <li>• Help the family achieve progress in farming/ranching, family life and community involvement.</li> <li>• Incorporate appropriate technology into farming operation</li> <li>• Learn the role of biotechnology in the changing role of agriculture in society</li> </ul>
Beef	<ul style="list-style-type: none"> <li>• Learn basic principles of animal science by owning and/or caring for and keeping records on one or more head of livestock.</li> <li>• Demonstrate knowledge of sound breeding, feeding/management practices.</li> <li>• Identify types and grades of animals and employ efficient marketing methods.</li> <li>• Identify quality in wholesale and retail cuts of animal products and understand their relationship to management practices</li> <li>• Learn the value of scientific research and its influence upon animals and the meat industry.</li> </ul>
Breads	<ul style="list-style-type: none"> <li>• Learn the principles of nutrition as they relate to health and wellness</li> <li>• Appreciate the nutritional value of grain products as a food group.</li> <li>• Acquire and demonstrate skills in planning, purchasing preparing and serving breads and cereals for family meals and snacks.</li> <li>• Learn the nutritional contributions and the importance of enrichment and fortification of grain products.</li> <li>• Understand the scientific principles of bread making</li> <li>• Appreciate the importance of grains in the diets of many cultures</li> </ul>
Child Care	<ul style="list-style-type: none"> <li>• Understand how children grow and develop &amp; Develop skills in caring for children.</li> <li>• Develop an appreciation for the growth and development of infants and young children and of the parental role, by working with groups of children</li> <li>• Understand childhood in relation to other stages of life</li> <li>• Examine ways of using child care knowledge personally and professionally</li> <li>• Become an advocate for children, parents, and early childhood issues</li> <li>• Understand and implement developmentally appropriate practices</li> </ul>
Citizenship	<ul style="list-style-type: none"> <li>• Become aware of their relationships to others – family, peers, state, nation etc.</li> <li>• Acquire life skills that are essential for an individual to become an active, responsible citizen</li> <li>• Demonstrate responsibility; learn to respect the rights and respond to the needs, rights and responsibilities of others</li> <li>• Contribute to community development</li> <li>• Gain insights into the principles, processes and structures of democracy</li> <li>• Learn how issues affect the people of the world and us as a nation, as well as how individuals can get involved in addressing citizenship issues.</li> </ul>
Conservation	<ul style="list-style-type: none"> <li>• Make decisions that provide long-term benefit for our natural resources</li> </ul>

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of Natural Resources	<ul style="list-style-type: none"> <li>• Appreciate the value of natural resources to the individual and nation today and for the future</li> <li>• Learn and apply scientific practices and methods in conservation including soil management, appropriate plantings of trees/crops, establishment of cover, etc.</li> <li>• Become familiar with and utilize government sponsored conservation programs</li> <li>• Work with others on a conservation education program of value to the community, state &amp; nation</li> </ul>
Dairy	<ul style="list-style-type: none"> <li>• Become aware of the scope &amp; economic significance of the dairy industry</li> <li>• Acquire dairy production skills through owning &amp; caring for dairy animals</li> <li>• Learn principles of processing, marketing, distribution &amp; consumption of dairy products</li> <li>• Identify breeds of dairy animals, and the advantages of each type to dairy production</li> <li>• Utilize effective record-keeping to maximize production</li> <li>• Develop an understanding of scientific research &amp; principles of cleanliness &amp; sanitation as applied to the dairy industry</li> </ul>
Goats	<ul style="list-style-type: none"> <li>• Learn basic principles of animal science by owning and/or caring for and keeping records on one or more head of livestock ☐</li> <li>• Demonstrate knowledge of sound breeding, feeding &amp; management practices ☐</li> <li>• Identify breeds and types of animals and their purpose (dairy, fiber, meat) ☐</li> <li>• Identify animal products and understand their relationship to management practices ☐</li> <li>• Expand knowledge of the goat industry and its importance in Oklahoma</li> </ul>
Fabric & Fashions/ Fashion Revue	<ul style="list-style-type: none"> <li>• Learn to develop a wardrobe that expresses personality and lifestyle</li> <li>• Gain the skills needed to construct clothing, accessories and items for the home.</li> <li>• Gain consumer skills, including the rights and responsibilities of consumers, and how social, economic and political systems affect consumers.</li> <li>• Acquire knowledge of textiles and the skills needed for their care.</li> <li>• Learn and apply principles of design and function in apparel and home fashions</li> <li>• Develop consumer skills in identifying, acquiring, allocating and using available resources.</li> <li>• Build self-confidence &amp; poise by selecting and creating clothing and accessories which are flattering and express the member's personality</li> <li>• Learn how changes in fashion affect the apparel merchandising industry</li> <li>• Develop good posture and grooming habits in self and others</li> </ul>
Food Science	<ul style="list-style-type: none"> <li>• Learn the role of foods as they relate to nutrition, physical fitness and appearance</li> <li>• Understand and apply the scientific principles of nutrition, food preservation &amp; food safety</li> <li>• Acquire and demonstrate skills in planning, purchasing, preparing and serving tasty, appealing &amp; nutritious meals and snacks</li> <li>• Learn and apply various ways of selecting, handling, preserving, storing, transporting, preparing and serving foods safely</li> </ul>
Geology	<ul style="list-style-type: none"> <li>• Learn about careers which require an understanding of geology</li> <li>• Learn to safely collect and correctly identify rocks, minerals and fossils</li> <li>• Develop an understanding of how environmental forces such as wind, water and volcanic activity impact the earth's landforms and geological formations</li> <li>• Learn how soil type and geological formations impact a region's economy</li> <li>• Demonstrate how youth can partner with adults to educate others in management and protection of natural resources.</li> <li>• Understand the economic impact of the energy industry on the economy</li> <li>• Learn how oil, natural gas and coal are formed</li> <li>• Utilize technology to locate and map wells, landforms, and other points of interest</li> <li>• Learn about, respect and demonstrate need for safety around oil and natural gas equipment.</li> </ul>
Health & Fitness	<ul style="list-style-type: none"> <li>• Accept responsibility for maintaining and improving physical, intellectual, emotional and social health and acquire patterns of living that foster concern for health &amp; quality of life</li> <li>• Acquire patterns of living that foster concern for health &amp; quality of life</li> </ul>

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	<ul style="list-style-type: none"> <li>• Learn about and share the dangers of tobacco, alcohol, illegal drugs and other substances</li> <li>• Develop an awareness and be sensitive to problems and needs of individuals during different stages of the life cycle</li> <li>• Develop an awareness of issues and communicate those issues to public officials through community forums and mass media</li> <li>• Serve as a volunteer with a health-care agency to learn more about agency functions and better understand the health care system</li> </ul>
Horse	<ul style="list-style-type: none"> <li>• Acquire skills in horse management by owning and taking responsibility for a horse or pony</li> <li>• Learn horsemanship skills and appreciate riding as recreation</li> <li>• Study therapeutic riding and learn more about its applications</li> <li>• Develop an understanding of breeding, training &amp; raising horses as a business</li> <li>• Acquire safety skills to prevent injury to persons and animals</li> <li>• Promote love for and humane treatment of animals</li> </ul>
Horticulture & Plant Science	<ul style="list-style-type: none"> <li>• Learn principles of plant science, including biotechnology</li> <li>• Learn to plan, care for, and manage vegetable and/or flower gardens, lawns or commercial horticultural crops</li> <li>• Learn and practice safe, effective pest control/management methods</li> <li>• Apply knowledge of plants &amp; soils through experiments and/or field trials</li> <li>• Explore all aspects of horticulture, including its therapeutic role and its relationship to agricultural production.</li> </ul>
Leadership	<ul style="list-style-type: none"> <li>• Identify &amp; understand roles, attitudes, tasks &amp; functions of effective leadership</li> <li>• Seek guidance in leadership development to further develop self-confidence</li> <li>• Strengthen local 4-H units by providing leadership and encouraging other youth to take on leadership responsibilities as well</li> <li>• Actively participate in program planning, development and implementation, and help to recruit new members and leaders</li> <li>• Help expand county, state, and national 4-H programs while developing leadership abilities</li> </ul>
Performing Arts	<ul style="list-style-type: none"> <li>• Develop specific performance skills – perform and teach for diverse audiences.</li> <li>• Learn and share the value of the arts to the individual and the community</li> <li>• Develop and use an appropriate technical vocabulary related to performance discipline</li> <li>• Understand health and nutrition issues related to performance</li> <li>• Demonstrate an understanding of the nature and role of performing arts in various cultures</li> <li>• Provide service and leadership to community arts programs</li> </ul>
Photography	<ul style="list-style-type: none"> <li>• Recognize photography as a useful hobby and potential profession</li> <li>• Learn to observe and appreciate surroundings through the eye of the camera</li> <li>• Develop and apply technical and artistic skills in traditional and digital photography</li> <li>• Learn about photography as an art, a science and a communication tool</li> <li>• Record events, ideas and situations for study or reference</li> <li>• Learn enhance or change a photo's appearance in the darkroom or with photo editing software</li> </ul>
Public Speaking	<ul style="list-style-type: none"> <li>• Develop research skills by attaining pertinent information about a given topic</li> <li>• Learn to organize materials to be presented in a speech</li> <li>• Develop a pleasing appearance for an audience</li> <li>• Learn to speak convincingly in public, use appropriate gestures for effect, etc.</li> <li>• Learn to communicate effectively with a variety of age groups</li> <li>• Learn about cultural differences in communication, and utilize culturally sensitive practices</li> </ul>
Recreation & Leisure Arts	<ul style="list-style-type: none"> <li>• Develop skills, knowledge and attitudes for efficient use of leisure time throughout life.</li> <li>• Attain a broad knowledge of the role of recreational activities as they contribute to improving family and community living</li> <li>• Develop resources that make wholesome leisure-time opportunities available</li> <li>• Help others understand how hobbies contribute to personal development</li> </ul>

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	<ul style="list-style-type: none"> <li>Assist in development of community recreation centers/areas</li> </ul>
Safety	<ul style="list-style-type: none"> <li>Learn how to reduce accidents/injuries; recognize &amp; correct hazards; think &amp; practice safety.</li> <li>Encourage family members, classmates, etc. to become safety conscious</li> <li>Learn to apply safety to any 4-H program or project</li> <li>Help children understand personal and traffic safety</li> <li>Share information with others about various aspects of safety</li> <li>Promote safety throughout the lifecycle</li> </ul>
Sheep	<ul style="list-style-type: none"> <li>Learn basic principles of animal science by owning and/or caring for and keeping records on one or more head of livestock</li> <li>Demonstrate knowledge of sound breeding, feeding &amp; management practices</li> <li>Identify types and grades of animals &amp; fleece</li> <li>Identify wholesale and retail cuts of animals &amp; animal products &amp; understand their relationship to management practices</li> <li>Learn the value of scientific research &amp; its influence on animals and the meat and fiber industry</li> </ul>
Shooting Sports*	<ul style="list-style-type: none"> <li>Promote the highest standards of safety, sportsmanship and ethical behavior</li> <li>Gain an understanding of and appreciation for natural resources</li> <li>Create opportunities for enjoyable positive relationships with peers and adults</li> <li>Strengthen families through participation in lifelong recreational activities</li> <li>Become familiar with equipment and technology involved in each shooting discipline</li> <li>Explore and instill shooting sports disciplines as opportunities for life long sports involvement</li> </ul> <p><i>* The shooting sports program is conducted in counties with certified 4-H volunteers who have completed shooting sports discipline training. 4-H youth are not allowed to do programs or activities with others that involve actual firearms or ammunition unless under the direct supervision of a specific discipline certified coach. Members may report other educational experiences related to shooting sports, such as those gained in conservation of natural resources, wildlife or other related projects.</i></p>
Swine	<ul style="list-style-type: none"> <li>Learn basic principles of animal science by owning and/or caring for and keeping records on one or more head of livestock</li> <li>Demonstrate knowledge of sound breeding, feeding &amp; management practices</li> <li>Identify types and grades of animals &amp; employ efficient marketing methods</li> <li>Identify wholesale and retail cuts of animals &amp; animal products &amp; understand their relationship to management practices</li> <li>Learn the value of scientific research &amp; its influence on animals and the meat industry</li> </ul>
Veterinary Science	<ul style="list-style-type: none"> <li>Develop an appreciation and understanding of veterinary medicine</li> <li>Utilize good management and sanitation practices in keeping animals and birds healthy</li> <li>Learn the value of scientific research and it's influence on animal health</li> <li>Follow recommended practices for maintaining animal health, including vaccination schedules, waiting periods after administering antibiotics, etc.</li> <li>Utilize responsible practices regarding show animals, including appropriate use of medication</li> <li>Educate others regarding the dangers of using non-labeled drugs for enhancement of animals</li> <li>Learn appropriate injection sites and methods for medications and vaccinations</li> </ul>
Wildlife & Fisheries	<ul style="list-style-type: none"> <li>Understand the needs of fish and wildlife resources</li> <li>Develop skills in planning, managing &amp; keeping records of fish, wildlife and marine science enhancement, production, maintenance and use</li> <li>Develop an appreciation of the need to manage wildlife and fish habitats</li> <li>Demonstrate sound wildlife, fish and/or marine science practices</li> <li>Practice &amp; support wise stewardship of natural resources, including providing cover for wildlife, using recommended amounts of fertilizer to avoid overgrowth of algae and other plant life in ponds</li> </ul>

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	and streams
All other Projects, Small Animals	<ul style="list-style-type: none"> <li>• Learn the value of pets and small animals in teaching responsibility, providing companionship, as service animals, etc.</li> <li>• Be aware of local ordinances regarding small animal ownership, including licensing, permits, leash laws, etc.</li> <li>• Demonstrate sound care, feeding, grooming and management practices</li> <li>• Learn to evaluate pet/small animal health and follow health regulations, including required vaccinations, treatment for internal and external parasites</li> <li>• Learn about major pet/small animal breeds and their characteristics</li> </ul>
All Other Projects, Agriculture & Natural Resources	<p><b><i>In addition to these objectives, specific project-related objectives may be added</i></b></p> <ul style="list-style-type: none"> <li>• Develop an appreciation of and respect for the environment and the rights and property of others</li> <li>• Learn about the business and economics of agriculture and natural resource products</li> <li>• Learn, practice and share wise energy use practices with others</li> <li>• Learn about management and protection of forests, wetlands, etc.</li> <li>• Learn and practice safe control of insects, weeds and other pests</li> <li>• Demonstrate knowledge of skill in operation of farm, landscape and horticultural equipment</li> <li>• Demonstrate skill in evaluation of animals, crops, land, meats and related products</li> <li>• Develop an appreciation of the agriculturally produced fibers</li> </ul>
All Other Projects, Science & Technology	<p><b><i>In addition to these objectives, specific project-related objectives may be added</i></b></p> <ul style="list-style-type: none"> <li>• Learn and understand technology changes as they relate to quality of life</li> <li>• Develop and improve skills in technology based areas such as computer science, web page development, etc.</li> <li>• Learn more about the mechanical sciences such as small and large engines, rockets, etc. and the effect these devices have on our lives</li> <li>• Develop and understanding of and appreciation for electric circuits, motors, etc.</li> </ul>
All Other Projects, Family & Consumer Sciences	<p><b><i>In addition to these objectives, specific project-related objectives may be added</i></b></p> <ul style="list-style-type: none"> <li>• Practice good consumer skills in the marketplace</li> <li>• Learn the value of service as a way to enhance self-confidence and improve the community</li> <li>• Learn to use genealogy as a means to achieve intergenerational communication as family history and heirlooms are shared</li> <li>• Learn the role of productive leisure activities in development of the individual, family and community</li> <li>• Develop club activities that strengthen family interaction through project work</li> <li>• Learn about opportunities for youth and adults as entrepreneurs</li> <li>• Demonstrate an understanding of financial management</li> </ul>