



2020-2021

Jefferson County 4-H Project Guide



Extension
UNIVERSITY OF WISCONSIN-MADISON



Jefferson County UW-Extension Office
864 Collins Road | Jefferson, WI 53549
(920)674-7295 | Jefferson.uwex.edu

Welcome to the Jefferson County 4-H program!

ALL enrollments will be online. Please visit the following website <https://wi.4honline.com> to enroll or re-enroll in the Jefferson County 4-H program. If you do not have access to the internet, please call the Extension, Jefferson County Office at 920-674-7295 for more information on how to enroll.

Please refer to the table below for upcoming due dates for enrollment:

Enrollment Begins	October 1, 2020
Re-Enrollment Deadline	November 1, 2020 at 11:59 pm
New Member Enrollment Deadline	March 1, 2021 at 11:59 pm
Last day to add/drop a project	April 15, 2021

Please contact the Jefferson County Extension Office with any questions regarding deadlines. Also, please check with your local club regarding deadlines because some clubs have their own enrollment deadlines.

4-H Membership Classifications:

Please use the below table for descriptions of the 4-H membership classifications.

4-H Member	Membership is open to anyone in 3rd grade to one year out of high school. The membership year is October 1 – September 30. Members enroll online where they choose projects and agree to the 4-H Member Behavior Agreement.
4-H Cloverbud	Cloverbuds is for youth in 5K to 2nd grade. Youth in this category may only enter in the Cloverbuds project. Cloverbuds enroll online in the Cloverbud project and agree to the 4-H Member Behavior Agreement.
4-H Leader	Any adult can serve as a 4-H leader. He or she will be asked to attend a required 4-H Leader Orientation Training, sign a behavior agreement and complete a background check every four years. A person does not have to be a parent or relative to serve as a 4-H leader for 4-H.

Jefferson County 4-H Dues

Individuals that enroll in the Jefferson County 4-H are required to pay dues. Of the dues, a portion goes to the Jefferson County Leaders' Association and a portion goes to Jefferson County. The \$5 per child fee that is paid to the Jefferson County Leaders Association has been WAIVED for the 2020-2021 4-H Year. This year, the Jefferson County portion of the dues will be on a sliding scale. This means that families will pay \$20 for the first child, \$15 for the second child, \$15 for the third child, and \$10 for each additional child. All member fees should be paid directly to the members' local 4-H club. Additional paperwork and/or fees may be required by your club. Please check with your club leader for requirements pertaining to your club.

Please use the below graph to help determine the amount you should pay.

Number of Children Per Family	1	2	3	4	5	6	7
County Dues	\$20.00	\$35.00	\$50.00	\$60.00	\$70.00	\$80.00	\$90.00
Leaders' Association Dues	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Amount Due	\$20.00	\$35.00	\$50.00	\$60.00	\$70.00	\$80.00	\$90.00

2020-21 Jefferson County Project Guide

This is your guide . . . A 4-H project is an area that you want to learn more about during the year. There are projects on just about any topic you would like to study and explore, from art to woodworking, from computers to rabbits, from clothing to small engines.

Don't forget to check out the project pages on the Wisconsin 4-H Web Site at <https://fyi.extension.wisc.edu/wi4hprojects/> On these pages, you'll find descriptions for statewide projects, Internet resources and links of interest, county fair exhibit suggestions, state specialist contacts and other suggested 4-H resources.

And remember, you'll learn more than "subject matter" as you complete your projects. You'll learn many "life" skills that you'll use every day of your life, such as, understanding yourself, communicating better, solving problems, making decisions and working with others. Good luck with your project selections. Have a great 4-H year!

Please notice that each project highlighted in blue means that it is linked to the state 4-H website. By clicking this project, it will take you straight to that project's state website where you will be able to view online literature resources for your project.

What are 4-H Projects?

A 4-H project is what a 4-H youth member chooses to learn about. There is a 4-H project for everyone. If you have a special interest in something and it is not a current 4-H project, you can direct yourself in the self-determined 4-H project. 4-H projects are big concepts like Arts and Crafts or Photography. A 4-H member will take specific exhibits to the fair.

Expectations:

Cloverbuds (5-year-old kindergarten through second-grade youth) enroll in the Cloverbud project.

Members (third grade and higher): Enroll in at least one project each year and complete the records for that project as part of their record book.

Project Leaders

- Ideally, each 4-H club will try to locate a project leader when there are 3 or more youth members enrolled in a project. Select projects will also have countywide leaders or offer sharing among clubs when a leader cannot be found.
- If you do not know who your project leader is or would like to find out if a project leader exists in a neighboring club or at the county level please do not hesitate to contact the Extension Office.
- Watch the 4-H Family Newsletter for countywide project offers or events related to projects that you are enrolled in.
- It is highly suggested that a project leader hold a minimum of 3 meetings.

Parents should attend project meetings to learn how they can support, but not do, project work for their child! **The 4-H youth – learn by doing!**

How to Select 4-H Projects:

4-H Members –

Make a list of the things you like to do or want to learn more about.

- Talk over your list with your parents, leaders and friends. They may recognize some special things you are good at that you don't even realize you do well.
- Then compare your list with the projects described in this guide.
- Ask yourself if you have the equipment, money and time to do the projects that sound interesting. If this is your first year in 4-H, concentrate on doing only two or three projects well.

ANIMAL SCIENCE

<u>Project</u>	<u>Description</u>	<u>County-Wide Project Leader</u>
<u>Beef</u>	In the beef project you can learn how to select market quality animals, select proper feed, identify different beef breeds, and gain herd management skills. You will also have the chance to learn about carcass value on market beef. This project is filled with many hands-on activities.	Meat Animal Project Committee Chair: TBD
<u>Sheep</u>	The sheep project allows members to identify sheep breeds and body parts, observe sheep behavior, and identify uses of wool and other by-products. Project members will learn how to select desirable sheep and how to fit and show sheep.	
<u>Swine</u>	Enjoy learning about different swine breeds, anatomy of swine, and how to select the correct feed for swine. Also, in this project members will have a chance to practice judging market hogs.	
<u>Cats</u>	Through the cat project you will learn how to select a cat, identify cat breeds, name the parts of a cat, handle and groom a cat, care for its health, and create a budget.	TBD
<u>Dairy</u>	The dairy project is a fun way to learn about the management and care of dairy cattle. Project members will learn the various dairy breeds and anatomy of dairy cattle; as well as selecting desirable traits and how to fit and show a calf.	Bill Uecker (920)285-9125
<u>Dogs</u>	Project members learn the basic skills for dog care and training, discover different dog breeds and study and identify dog anatomy.	Kate Anderson (920)723-3614
<u>Goats</u>	Project members can enroll in either dairy goats or meat goats . Generally, through the goat project members will learn various breeds of goats, anatomy of goats, and general management practices. - Dairy Goats: Project members will learn how to select dairy goats and about the milking procedure in dairy goats. - Meat Goats: Project members will learn how to select meat goats and learn the carcass value of meat goats.	Stephanie Schadt (920)285-8079
<u>Horses</u>	Project members will learn horse behavior and terms, study the breeds and identify body parts, and saddle, groom, and bridle your horse. Project members will also learn horse safety and horse selection.	TBD
<u>Horseless Horse</u>	Through the horseless horse project, members do not need to have a horse. They will learn horse behavior, body parts, and other components of the project without a horse.	
Llamas & Alpacas	Youth will be exposed to and learn the following aspects working with llamas and alpacas: handling and showing basics and care and basic requirements of raising healthy camelids. Youth will also gain understanding and participate in projects related to the values associated to owning llamas and alpacas: fiber arts, packing, companion and public relations and guardians.	Barb Parsons (414)333-3720

<u>Pets</u>	Youth will learn about various small animals such as fish, cavies, gerbils, chinchillas, ferrets and parrots.	
<u>Poultry</u>	<p>Youth can enroll in poultry, poultry market and poultry non-animal.</p> <p>-Poultry is for youth exploring non-market birds such as ducks, bantams, geese, or turkeys.</p> <p>-Poultry Market is for youth exploring market birds such as chickens, ducks, geese, or turkeys.</p> <p>-Poultry Non-Animal is designed to learn about poultry science or egg production without owning the animal.</p>	TBD
<u>Rabbits</u>	Project members will learn about selecting and handling rabbits, identify rabbit breeds and body parts, as well as explore health issues and feed.	Sue Wilpolt (608)669-3406
<u>Veterinary Science</u>	Learn different breeds of animals, interpret animal behavior, identify feed nutrients, describe animal life changes and systems, create health records for your animal, conduct food safety experiments, consider animal welfare, and many more.	

ARTS & COMMUNICATIONS

<u>Project</u>	<u>Description</u>	<u>County-Wide Project Leader</u>
<u>Arts & Crafts</u>	Through the Arts & Crafts project, members can learn art through cutting, pasting, drawing, sculpting, and constructing with fibers. Also, members can explore art techniques and art history.	
<u>Clowning</u>	Discover the history of clowning, develop your own character and design your own makeup, costume and props.	
Collections	Designed for youth interested in collecting stamps, coins, baseball cards or hobby related collections.	
<u>Communications</u>	The communications project is designed for youth interested in demonstrations and public speaking. Through this project youth engage in non-verbal, verbal & written activities. Youth will learn to become confident communicators.	
<u>Computers</u>	Project members will learn about hardware, software and components of the computer. Also, they will explore how computers work and understand the different features. You will have the chance to look at interactive websites.	
<u>Creative Writing</u>	Dive into creating expressions and different language mechanics. Stimulate your creativity and self-expression by writing what you want. Also, expand on your joy of book reading.	
Dance	Youth will explore dance: what is dance, types of dance, history, benefits and opportunities.	
<u>Drawing & Painting</u>	Learn to draw with pencil, chalk, crayon, etc.; learn to blend and shade; make surface rubbings; paint with watercolor, oil and acrylics; mix colors; mat and frame your artwork	
<u>Folk Art</u>	Explore traditional folk art, learn more from your family and community, learn storytelling and make traditional art.	
<u>Music</u>	Through this project you will gain a greater appreciation for music. You will learn to listen, perform, and compose types of music. Also, teach others and make instruments.	
<u>Photography</u>	Project members will learn proper use of cameras, lighting techniques, and how to shoot photos that tell a story. You will also have the chance to life photos and portraits.	Angela Mitchell 262-672-5786
<u>Theater Arts</u>	Learn how to study acting, movements, voice and speech. Look at different puppeteer techniques as well as learn the art of costumes.	
<u>Videography</u>	Learn how to make videos, edit videos, and adjust lighting. Learn the art of storytelling. Experiment with camera handling and editing.	

COMMUNITY INVOLVEMENT

<u>Project</u>	<u>Description</u>	<u>County-Wide Project Leader</u>
<u>Citizenship</u>	4-H members can learn how to be a well-rounded citizen by discussing public issues and plan a project that can be effective within your community.	
<u>International Programs</u>	Explore the world around you through maps and other research methods. Explore your family heritage through creating family trees.	
<u>Self-Determined</u>	This project allows members to learn on their own. They have the chance to create their own project or expand on an old one. They can select a project, develop a plan, and identify resources.	
<u>Service Learning</u>	Through this project youth learn to give back to their community, reflect on their experiences, identify community needs, plan a service project and execute the idea.	
<u>Youth Leadership (Junior Leaders)</u>	Youth have the chance to practice effective communication skills, set goals, resolve conflicts, plan a group event, and explore how leaders are different.	Alyssa Jaquith 920-723-9039

FAMILY, HOME, HEALTH

<u>Project</u>	<u>Description</u>	<u>County-Wide Project Leader</u>
Cake Decorating	Learn how to choose and use cake-decorating tools, make frosting, apply decorating techniques, work from a pattern or make your own design. Self-directed project.	
<u>Child Development</u>	Learn about the development of babies and toddlers and learn how to take care of yourself. Gain experience as a teacher, a coach and a babysitter and learn to make first-aid kits.	
<u>Clothing</u>	Project members have the chance to learn how to sew different projects, how to select different patterns, and how to use different sewing tool and techniques.	Kim Kreger 920-723-1191
<u>Consumer Savvy</u>	Youth will learn the importance of being a good consumer. They will learn the difference between wants and needs, how to write a savings and spending plan as well as personal financing.	
<u>Crocheting</u>	Learn how to purchase yarn, thread, and different equipment. Explore different crocheting and finishing techniques. Members will also learn how to care for crocheted items.	Danielle Seib 262-501-0376
<u>Entrepreneurship</u>	Explore businesses, products, marketing techniques, and pricing methods. Also, create your own business plan and create your own business.	
<u>Foods & Nutrition</u>	Learn how to eat and cook simple foods. Learn the basics of cooking as well as techniques to make you a better cook. Understand how to change recipes and find reduced fat content recipes.	
<u>Food Preservation</u>	Learn the basics of preserving food safely; use UW-Extension Safe Food Preservation Series.	
Genealogy (History & Heritage)	Members can research their ancestors and discover their heritage. They can learn where they came from, how far back they can trace their roots and whether or not they are related to someone famous! This project provides a great opportunity for youth to investigate and research their family tree, find the origin of their last name, consider the story of their birth.	
<u>Health</u>	Project members can practice first aid skills, assemble first aid kits, explore hygiene, and design personal fitness plans.	
<u>Home Environment</u>	Project members can learn about home care, how to make small home decorative items, learn the principles of home design, restore furniture and focus on the details of home design.	
<u>Knitting</u>	Discover what to consider when buying yarn or tools, learn knitting & finishing techniques, correct knitting errors and learn how to care for your knitted items.	Danielle Seib 262-501-0376
<u>Personal Finance</u>	Learn different money management skills, learn how to live on budget, understand wants and needs, and explore different money saving techniques.	
Quilting	Learn basics of quilting. Can be done by hand or machine.	
Scrapbooking	Record your memories through photos, writing & memorabilia. Members can explore supplies, cropping photos, page design and more.	
<u>Workforce Readiness</u>	Explore what it takes to get your first job, discover how to asses job possibilities in the community, create job scenarios, and recognize your personality traits.	

MECHANICAL SCIENCES

<u>Project</u>	<u>Description</u>	<u>County-Wide Project Leader</u>
Automotive	Youth can learn about the safe care and operation of automobiles. Areas covered include: the car and the highway, maintenance and operation, operating the car efficiently and buying your first vehicle.	
<u>Bicycling</u>	Project members can learn the essentials for bicycling trips such as safety, road rules, and planning a pleasant ride. They can also find tips for choosing the right bicycle and proper maintenance.	
<u>Electricity</u>	In this project, youth understand how to use electricity, wire a simple circuit, work with electrical equipment, measure voltage, and build a circuit.	
Lego	Through this project youth have the chance to practice creativity and challenge their knowledge by building new creations from scratch and working together as a team.	Emilie Shoop 309-473-3083
<u>Scale Models & Diaramas</u>	Project members have the chance to create scale models of trains, cars, etc. As well as learn how to obtain material you need in construction and learn how to display your model or diorama.	
<u>Small Engines</u>	Youth interested in off-highway vehicles or snowmobiles should enroll in this project. Youth can learn about the parts of an engine, how to use diagnostic tools and the different careers related to engines.	
<u>Tractors</u>	Youth can identify parts of the tractor and understand basic maintenance of tractors. They can also research different safety features and learn safety rules.	
Welding	Youth learn about and wear all appropriate safety gear at all times. Learn to operate appropriate welding equipment and basic welding techniques with the opportunity to learn others.	
<u>Woodworking</u>	Youth will have the chance to safely practice when working with woods and tools. Also youth can learn how to properly sand and paint, identify proper tools and learn how to build hand drawn images.	

NATURAL SCIENCES

<u>Project</u>	<u>Description</u>	<u>County-Wide Project Leader</u>
Beekeeping	Youth explore the modern methods of beekeeping; study the fundamentals of beekeeping & management of honey.	Sharon Schweitzer 920-674-2544
Birds	Youth may gain knowledge on identifying birds, habitat and care of birds; wildlife watching, recording, etc.	
<u>Entomology</u>	Learn about insects, their behavior and life history. Youth will discover the parts of an insect's body as well as compare and contrast insects.	
<u>Exploring Your Environment</u>	Youth interested in astronomy, conservation, geology, energy, weather, recycling, etc. should enroll in this project youth have the chance to learn about these areas and become excited with their environment.	
<u>Fishing</u>	Youth have the chance to learn proper catching techniques, identify different types of bait, learn how to properly organize a tackle box and identify different types of fish.	
<u>Forestry</u>	Identify forest types, forest products, and trees as well as determine the age of a tree by counting rings. In this project you will understand forest competition, and learn the life cycle of a tree.	
Hunting & Wildlife	Learn the history, philosophy and laws of hunting. Learn to plan and equip yourself for a hunt as well as learn basic taxidermy.	
<u>Outdoor Adventures</u> (Adventures)	This project is for youth interested in camping, canoeing, backpacking, hiking, skiing or other outdoor adventures. Project members will learn all the basics of camping and other outdoor activities.	
<u>Wildflowers</u>	Learn about wildflowers in your neighborhood; learn to identify wildflowers and how to collect them; discover how humans affect wildflowers.	

PLANT & SOIL SCIENCE

<u>Project</u>	<u>Description</u>	<u>County-Wide Project Leader</u>
<u>Crops</u>	Youth interested in raising <u>corn</u> , <u>wheat</u> , soybeans, alfalfa, <u>oats</u> , <u>barley</u> , <u>haylage</u> , etc. should enroll in this project. Youth will learn about germination, planting, nutrients, harvesting, and storage of crops.	Sharon Schweitzer 920-674-2544
<u>Flowers</u>	Project members will learn to identify flower parts and their functions, give flower presentations, identify different flower types, and learn the basics about landscaping.	
<u>Gardening</u>	Youth interested in growing and harvesting <u>vegetables</u> , <u>fruits</u> , or herbs should enroll in this project. Youth will learn how to grow vegetables and learn about soil testing.	
<u>House Plants</u>	Through this project youth will learn how to identify plant parts and their functions, grow house plants, and learn about plant pinching for propagation.	
<u>Plant Crafts</u>	Plant crafts is a project where youth can learn how to make flower arrangements and corsages as well learn about plant materials and drying techniques.	

SHOOTING SPORTS

<u>Project</u>	<u>Description</u>	<u>County-Wide Project Leader</u>
<u>Air Pistol</u>	<ul style="list-style-type: none"> • Explore different air pistols • Learn basic safety rules and guidelines • Learn marksmanship and shooting procedures 	<p style="text-align: center;">David Saxby 920-988-2542</p>
<u>Air Rifle</u>	<ul style="list-style-type: none"> • Explore different types of air rifles • Learn basic safety rules and range commands • Develop marksmanship • Learn various shooting positions used in competition 	
<u>Archery</u>	<ul style="list-style-type: none"> • Learn the fundamentals of archery marksmanship • Learn rules and safety guidelines • Make archery equipment • Shoot with sights and different bows 	
<u>Muzzleloading</u>	<ul style="list-style-type: none"> • Explore muzzleloading history • Study different muzzleloading guns and accessories • Learn how to clean a muzzleloader • Learn safety issues <p><i>Ages: Only 12 years old and above can shoot powder burning guns</i></p>	
<u>Pistol (smallbore .22)</u>	<ul style="list-style-type: none"> • Explore the history of different types of pistols • Learn basic safety rules and range commands • Develop marksmanship and shooting procedures <p><i>Ages: Only 12 years old and above can shoot powder burning guns.</i></p>	
<u>Rifle</u>	<ul style="list-style-type: none"> • Explore rifle history and the different models • Learn to sight-in your rifle and score targets • Learn various shooting positions used in competition • Learn safe handling procedures and range rules <p><i>Ages: Only 12 years old and above can shoot powder burning guns.</i></p>	
<u>Shotgun</u>	<ul style="list-style-type: none"> • Learn the basic safety issues with shotgun handling • Learn shooting fundamentals • Learn the proper way to carry a shotgun <p><i>Ages: Only 12 years old and above can shoot powder burning guns</i></p>	

S.T.E.M. (SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS)

<u>Project</u>	<u>Description</u>	<u>County-Wide Project Leader</u>
<u>Aerospace</u>	Youth will learn to build rockets based on level of experience, identify different types of air crafts, discover weather effects on flying, and explore aerospace careers.	
<u>Geospatial</u>	In the geospatial project youth get the chance to learn about geographical positions, learn about navigation tools, measure distances, and make different maps.	
<u>Robotics</u>	This project allows youth the chance to explore robotic functions and design as well as learn how to build robots from everyday items.	

YOUNGER MEMBERS

<u>Project</u>	<u>Description</u>	<u>County-Wide Project Leader</u>
<u>Cloverbuds</u>	This project is for the members in grades 5K through second grade. It allows them to learn about the 4-H project, try new things, and work on developing different skills when working with others.	
<u>Exploring</u>	This project allows younger members to learn about the 4-H program and sample different projects that are available through the 4-H program.	