

Sheboygan County 4-H



ENROLL TODAY

4-H is for YOU !

4-H is for FUN !

Enrollment Guide 2020-2021

4-H IS GROWING SKILLS

4-H grows confident, capable, and caring kids with the life skills to thrive in today's world and succeed in their boldest dreams for tomorrow. Working in partnership with UW-Madison, Sheboygan County 4-H is research-backed and offers life-changing experiences to youth throughout our county.

Youth Leadership comes to life every day through real 4-H'ers who are making real impacts in their communities. Even our youngest members rise to the challenge of leadership. Members will lead pledges, give demonstrations, teach games, and even plan and lead meetings. As members master skills in project areas they are often called upon to lead and teach other project members.

In 4-H it's common for youth and adults to work together to provide rich and safe experiences where kids are meeting new people, engaging in their communities, and developing lifelong skills. Some of these great experiences include:

- Club Meetings
- Project Meetings
- 4-H Summer Camp
- Project Day
- 4-H Ambassadors
- 4-H Youth Leader Association
- Cloverbud Day Camps
- 4-H Open House(s)
- Creative Arts Festival
- 4-H Afterschool and more.

It is truly amazing what can be accomplished, explored and learned through our own Sheboygan County 4-H Program. From the skills that are developed, the projects that are mastered and the assets that are gained it is clear that 4-H experiences provide a foundation to help youth understand the "big picture" of life and find purpose and meaning. Check out all the great 4-H projects offered in Sheboygan County as you explore this year's 4-H Project Enrollment Guide.

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Extension

UNIVERSITY OF WISCONSIN-MADISON
SHEBOYGAN COUNTY

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Important 4-H Terms

Achievement – Achievement in 4-H means a member completes all the membership requirements of their 4-H club for the year.

4-H Camp Riversite – 4-H Camp Riversite is a 60-acre 4-H camp owned and maintained by the Sheboygan County 4-H Leaders Association. The camp features a ¾ mile self-guided trail, a weatherized cabin, a picnic shelter, a lighted baseball area, and playground equipment.

Clover Award – An optional five-level county award program.

Cloverbud – Sheboygan County 4-H Cloverbud membership is open to youth in Kindergarten (5K), first and second grade in 4-H clubs offering Cloverbud membership.

Cloverleaf Crier – The monthly Sheboygan County 4-H newsletter distributed to every 4-H family. The Cloverleaf Crier gives information about county level 4-H meetings and activities offered to 4-H members, leaders, and parents.

Club Rules/Bylaws – Most 4-H clubs have a set of written rules for the operation of the club. Each member should become familiar with the club's rules early in the year.

4-H Enrollment – An online process each member completes at the beginning of the 4-H year to join a 4-H club. The individual 4-H projects the member selects for the year are chosen at this time.

Exploring Project – An individual 4-H project recommended as a beginning 4-H project. The 4-H member can “explore” other 4-H projects and activities during the year to learn more about 4-H.

Fair Booklet – The online booklet which lists the Sheboygan County Fair entry classes and rules for entry. A new booklet is available online at shebcofair.com and is published annually.

4-H Membership – Young people in Kindergarten through one year after high school are eligible to join 4-H. Some events require grade limits.

4-H Year – A new 4-H program year starts on October 1st and ends on September 30th the following year. Individual 4-H club's year may vary slightly. The 4-H fiscal year is July 1 – June 30.

Graduation from 4-H – Graduating from 4-H signifies that a member has successfully completed their career as a 4-H member. Most 4-Hers graduate following their High School graduation. Optional graduation can extend one year beyond high school graduation.

Record Books – The record book is a complete record of the member's activities for the current 4-H year. All 4-H activities should be entered in the Record Book. Each member will hand in their record book to their club's general leader(s) at the end of the year according to the club's policy.

Extension – University of Wisconsin-Madison Division of Extension. This abbreviation is often used in announcing meetings that take place at the Extension Office, 5 University Drive, Sheboygan, WI. 4-H is the youth education program of *University of Wisconsin-Madison Division of Extension*.

Project Literature – 4-H Member and Leader Guides, written by University Specialists, serve as suggestion for areas of study in 4-H projects. Available for purchase at shop4-h.org or learningstore.uwex.edu.

GETTING STARTED IN 4-H

What is a 4-H Project?

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.

How do I select a Project?

Projects are just one tool that the 4-H Youth Development Program uses to teach the communities of youth across America citizenship, leadership and life skills!

1. Make a list of the things you like to do or 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 realize you do well.
 2. 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.
 3. As you decide which projects to enroll in, take into consideration who will help you learn and grow in your project. Does your club have a leader? Are there county-wide leaders and project meetings? Does your grandma or grandpa want to help you? Are you going to self-explore and learn? If you need help finding a leader, please contact the Extension office and we will provide you with a list of possible leaders for the project/s that interest you!
 4. 4HOnline profile! Starting in the beginning of September, you will be able to enroll online at wi.4honline.com. NEW FAMILIES will need to set up an online profile. Simply follow the steps provided on the main page or refer to pages 6-10 in this guide. Returning families will need to use same email and password as last year. You can log on to edit your contact information and project selections at any time through March 1st for animal projects and shooting sports or May 1st for all other projects.
 5. Some projects have more than one level. If you've had a lot of experience in an area, you may want to skip the first or beginning level of a project. If you have been involved in the project for some time you may want to consider enrolling as a youth leader in that project. If you'd like to exhibit as a youth leader at the Sheboygan County Fair, be sure to also enroll in the Youth Leadership Project.
- *If this is your first year in 4-H, concentrate on doing only two or three projects well. Usually you can spend more than one year in a project unit because there are enough ideas there to span two or three years.
6. Please note – Some Projects require enrollment in the 'Self-Determined' project in addition to the specified project in order to exhibit at the Sheboygan County Fair. Please use this guide to determine which projects include this requirement.

4-H Leaders

If you're a 4-H adult leader you will also be able to enroll each year using 4HOnline. Simply set up a profile much like a new member and enroll as a leader under the appropriate projects or categories. If you are not a project leader you may select from the following options in the dropdown menu:

- | | |
|-------------------------------------------------------------|------------------------------------------|
| - Adult Advisor to other leaders | - Club Enrollment Leader |
| - Assistant Organizational (Assistant General Leader) | - Co-Organizational (Co-General Leader) |
| - Board Member (Leaders Association Executive Board Member) | - Countywide Activity Leader |
| - Club Activity Leader | - Key Leader |
| | - Organizational leader (General Leader) |
| | - Parent Advisory Board Member |

Volunteers extend the resources of Extension as they work with staff to deliver educational programs. Volunteering is a privilege. Therefore, once you have completed enrollment in 4HOnline, there are a few more steps to go through before 4-H volunteer leader status can be approved.

All adult volunteers 18 and older are *required* to complete the [Wisconsin 4-H Youth Protection program](#), which includes each of the following four steps:

- 1) When you enrolled in 4-H Online you agreed to adhere to some important volunteer expectations. As long as you are a volunteer with Extension and the 4-H Youth Development program you will be asked to enroll and annually sign the **Extension Volunteer Behavior Expectations** or ([Spanish version here](#)).
- 2) In accordance with Board of Regents and Extension policy, we are required to conduct a national criminal background check for employees and volunteers holding a “position of trust with access to vulnerable populations” upon initial enrollment and every four years. This is the second step in the volunteer application process. After enrolling in 4-H Online, you will see the following instructions:
 - Within 15 days of submitting your enrollment, you will receive an email from GIS (General Information Services, Inc.) to request information from you to conduct a background check. Check with your county office if you have not received the email.
 - GIS is the vendor chosen to do the criminal background checks for Extension employees and volunteers.
 - The background checks are done on a national and state level.
 - The subject line of the email should read **“Action needed in connection with your current volunteer status with University of Wisconsin-Madison Division of Extension.”**
 - Please check your junk email folder periodically. **Be assured the GIS website is a secure, encrypted site. Please respond within 5 days to the request from GIS.** Thank you again for watching for this e-mail, following these instructions will complete the second step to becoming a 4-H Volunteer Leader!
- 3) The third step is participation the face-to-face Volunteer in Preparation (VIP) training with one of our staff. These training opportunities are offered at least quarterly. Please check the Sheboygan County 4-H Google calendar for opportunities for this training. All trainings will be held at the offices of Extension Sheboygan County. Otherwise please connect with Extension staff and a time can be set up for you to do the VIP training with our staff one-on-one. You can learn more about what is involved in this training here: fyi.uwex.edu/wi4hvolunteers/volunteers-in-preparation
- 4) The final step you need is to take the online Mandated Reporter Training. Mandated reporters are those persons who have been identified as being in a position, because of the work they do, to see children who have been abused or neglected, or children who are in danger of being abused or neglected. This training is now accessed through your profile in 4-H Online. Here is a link with detailed instructions for completing the **Mandated Reporter Training**:
fyi.uwex.edu/wi4hvolunteers/youthprotection/

Until all of the above four steps are completed you will not be considered a 4-H volunteer leader and you will not be covered under our accident or liability insurance.

4-H Project Listing

Cloverbuds

(Junior Fair Department 17, Class A)

The Cloverbud Project is an educational program for youth in kindergarten, first and second grade, focused on building self-confidence and creativity. It is an opportunity for youth to discover 4-H through experiences in animal sciences, communication and visual arts, home economics, mechanical sciences, environmental education, personal growth and much, much more. Youth have an opportunity to choose from fun activities such as meet my pet, create a critter, sketching skills, flag fun, puppets with pizzazz, snack attack, smart shopping, bike driving skills test, birds I have seen, trees are tremendous, my family tree, a walk in my neighborhood, make a terrarium, my cut of soil, chemistry, cake, my weather log and more. ■ *

Exploring

(Junior Fair Department 17, Class B)

The Exploring Project is an experience of discovery for **first and second year** 4-H members in grade 3 and older. Exploring members sample a wide variety of projects offered in 4-H. Projects include nature, foods, pets, sewing, arts and crafts, plus many more. The Sheboygan County 4-H Exploring Guide will help you learn more about yourself, being a 4-H member, your community and the people in it, and your environment. ■



ANIMAL SCIENCES

Dairy Cattle /Dairy Managerial

(Junior Fair Department 1)

Learn how to select, feed, manage, breed, fit, show, evaluate and market a dairy animal. Age and experience of the member will determine the nature of the project. Activities include identifying dairy breeds, keeping a cow healthy and safe, exploring the needs of dairy animals, learning about dairy organizations, attending a dairy farm tour, packaging a dairy product, exploring careers in the dairy industry, teaching others about dairy products and dealing with animal waste.

****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details. ■ ***

Beef

(Junior Fair Department 2)

Learn how to select, feed, manage, breed, fit, show, evaluate and market a beef animal. Age and experience will determine the nature of the project. Activities include identifying beef breeds, fitting and showing beef, keeping beef cattle safe and healthy, learning about beef disease, managing and feeding beef, exploring careers related to beef, and much more. ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details. ■ ***

Swine

(Junior Fair Department 3)

Learn how to select, feed, manage, breed, fit, show, evaluate and market hogs. Age and experience of the member will determine the nature of the project. Activities include identifying swine breeds, fitting and showing swine, keeping swine safe and healthy, learning about swine diseases, managing a swine breeding operation, exploring careers related to swine, and much more. ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details. ■ ***

Sheep

(Junior Fair Department 4)

Learn how to select, feed, manage, breed, fit and show, evaluate, and market sheep. Age and experience of member will determine the nature of the project. Choose from many different breeds and types of sheep to show at the County Fair! ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details. ■ ***



Dairy & Pygmy Goats

(All Goat Related projects -Junior Fair Department 5)

Learn how to select, feed, manage, fit, show and evaluate a goat. Age and experience will determine the nature of the project. Activities include; selecting a goat, keeping a goat healthy and safe, judging goats, preparing for baby goats, selecting a goat breeding system, and building a goat glossary. ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details. ■ ***

*

Managerial Goat

Learn about goats without owning one in this project. Have an opportunity to work with and care for someone else's goat. Participate in programs where you will have contact with goats. Attend and/or participate in goat shows. Learn from those who raise goats and know lots about them. ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details. AS A MANAGERIAL MEMBER IN THE GOAT PROJECT, YOU MAY SHOW ONLY ONE ANIMAL AT THE FAIR UNLESS YOU HAVE A DAM AND DAUGHTER ■ ***

Pack Goat

Members in this project must also be enrolled in either 20151 or 20152 to participate in this project. Members will learn what equipment is needed and how to train a goat with a pack. ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details. ■ ***

Harness Goat

Members enrolling in this project must be enrolled in either 20151 or 20152 to participate in this project. Member will learn what equipment is needed for harnessing a goat and how to train the goat. ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details. ■ ***

Meat Goat

Learn how to select, feed, manage, fit, show and evaluate a goat. Age and experience will determine the nature of the project. Activities include; selecting a goat, keeping a goat healthy and safe, judging goats, preparing for baby goats, selecting a goat breeding system, and building a goat glossary. ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details. ■ ***

Poultry

(Junior Fair Department 7)

Learn about breeds, selection, brooding, raising, and management of chickens, bantams, pigeons, ducks, geese, and turkeys. You will also discover how to train, fit and show waterfowl. ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details. ■ ***

Horse & Pony

(All Horse & Pony Related Projects – Junior Fair Dept 6)
This project is for the regular or managerial members who are the primary care giver of a horse. The member of member's family owns the horse and/or the member has agreed to manage someone else's horse for the duration of the 4-H year. Members will learn about breeds, care, grooming, showing, training, safety, nutrition, behavior, and health. ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details. ■ ***

Horse-less Horse

This project is for the member who does not own a horse and is not the primary care giver of a horse. If enrolled, you may be paired with another member and work with their 4-H identified horse. Members learn about breeds, care, grooming, showing, training, safety, nutrition, behavior and health and are able to participate in programs where they have contact with horses. (If you think you may buy a horse during the project year you may want to enroll in both 20301 and 20306. Watch your project handbook for separate deadlines.) ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details. ■ ***

Model Horses

Model Horse is a great project for any youth who may not own or be able to show live horses or would like to learn more about showing their horse. Members who participate in this project will learn about breeds and colors of horses, horse equipment, performance classes, and horse shows in general. ●

Clothes Horse

Designed specifically for the horse lover, this project will help you learn to make your own riding apparel and horse equipment. Learn about material selection and care. This project also includes woodworking, leather, and craft items that are horse related. ■

Rabbits

(Junior Fair Department 8)

Learn how to select, feed, manage, fit, show and evaluate a rabbit. Age and experience of the member will determine the nature of the project. Activities include identifying rabbit breeds, learning how to handle and show a rabbit, learning about rabbit genetics and breeding, conducting a rabbit skill-a-thon, planning rabbit housing and care, planning and making a rabbit nest box, showing rabbits, exploring careers related to rabbits and much more. ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details.**

■ *

Cavies – (Guinea Pigs)

(Junior Fair Department 8)

Learn how to raise, feed, and care for your guinea pig. Learn about guinea pig breeds and breed characteristics. Take your pet to a show. ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details.**

■ *

Dogs

(Junior Fair Department 9)



Learn how to select, feed, manage, fit, show and evaluate a dog. Age and experience of the member will determine the nature of the project. Activities include dog breed identification, selecting a pet dog, evaluating and solving a dog's behavior problems, teaching your dog commands,

teaching your dog showmanship, socializing your dog, identifying reasons for neutering and spaying dogs, picking the best food for your dog, and much more.

****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details.**

■ *

Veterinary Science

(Junior Fair Department 10)

Learn how to recognize a normal, healthy animal from its attitude, behavior and appearance. You will learn how to take the temperature and pulse of an animal, about the causes and effects of various animal diseases, nutrition, disease prevention, environmental influences on animal health and veterinary medicine as a career. ■

Llama & Llama Managerial

(Junior Fair Department 11)

Learn about the history of llamas, basic llama care, showing, training, safety, nutrition, behavior, anatomy and health. Learn how we use the fiber from llama to felt clothing. Don't have a llama? The llama managerial project allows youth without llamas to be matched with a farm giving the youth an opportunity to learn about and show a llama during the year. ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details.**

■ *

Cats

(Junior Fair Department 13)



Learn how to select, feed, manage, fit, show and evaluate a cat. Age and experience of the member will determine the nature of the project.

Activities include cat breed identification, holding and grooming a cat, training your cat, keeping a cat healthy, preparing for a new litter of kittens, caring for an elderly cat, helping other youth interested in cats, exploring careers related to cats, discussing animal welfare and rights, and much more. ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details.**

■ *

Photography

(All Related Photography Projects – Junior Fair Department 20)

This project will show you how to care for your camera and select the correct film, as well as helping you to develop skill in the areas of composition, lighting and special effects. As you progress with the project, you will become more able to control and adjust exposure, sharpness and shutter speeds. Finally, darkroom techniques and arrangement of finished photographs will be covered. ■ *

Videography

“Motion” pictures are what you see on TV screens. Whether your camera uses videotape or movie film, the same techniques apply. In this project learn storytelling, editing, planning, lighting, camera handling, making titles, recording sound, as well as showing and reviewing your production. ■



Arts

(All Related Arts - Junior Fair Department 18)

Please be sure to enroll in all interested Arts Projects. Check last year's Exhibitor page for specific project entry categories on the Fair website.



Communication

In this new 4-H project you'll learn communication skills that will help you get along better with others, make friends and resolve conflicts. Improve your listening skills as you interview family members and older adults in your community. ■

Creative Writing

Explore the importance of language and creative expression. Enjoy fun ideas, tips, and special projects to stimulate your creativity and self-expression in this new 4-H project. Join a discussion group as you enrich your life-long joy of book reading. ■

Scrapbooking

Explore the fastest growing hobby. Record your memories through photos, writing, and memorabilia. Supplies, cropping your photos, page design and much more can be explored. ●

Celebrate Art

This project serves as an introduction to the arts and crafts areas not listed elsewhere in the guide. Projects might include macramé, stain glass, wood burning, sculpture, metal enameling, candle making, tie dying as well as others. The limits of this project are the limits of your imagination. ■

Leather Craft

This project focuses on the characteristics and use of leather, use of the tools and equipment, making patterns, original designs, and leather craft techniques. ■

Stenciling

Learn how to use precut stencils as well as how to design and cut stencils from different materials. You will then be able to print these designs on a variety of materials, creating your own original designs. ■

Block Printing

Learn how to use blocks as well as how to design and cut blocks from different materials. You will then be able to print these designs on a variety of materials creating your own original designs. ■

Drawing & Painting

Topics include drawing with pencil, chalk, crayon, pen and ink as well as painting with watercolor, poster paint, oil and acrylics. You will learn about the use of blending and shading, drawing from nature and surface rubbings in drawing in addition to using the brush, colors, tints, shades, and textures in painting. Finally, designing, matting and framing pictures will be covered. ■

Ceramics

In this project, you will learn how to choose preformed greenware or sculpt an original design. In addition, you will learn about painting a ceramic project, applying a decal and firing. ■

Creative Stitchery

Work from a pattern or create your own original design in this project. Learn techniques of embroidery, crewel or cross stitch as well as how to choose fabric, thread and other materials. ●

Blacksmithing

This is a basic introduction to Artisan Blacksmithing and metal work. **There is a 7th grade minimum age limit for this project.** Focus is on education and creating a fair project during a one day working session. Youth will be exposed to hot forging, cold forming and copper work. Parent supervision and project documentation are mandatory. Welding will be allowed only after completion of an approved welding course. ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details.** ● ✱

Theater Arts (Drama)

Learn about theatre techniques, acting, makeup, costumes, sets, writing a script, planning a theater game, story dramatization and group improvisation. Attend or participate in the county festival. ■

Clowning

Discover the history of clowning while you develop your own clown character, complete with makeup and costume. Study some of the most famous clown acts appearing in circuses today. Create some clown props such as slapsticks, toys and musical instruments. **(Fair Exhibits will be entered under Theater Arts)** ●

Puppetry

There are many kinds of puppets, from marionettes to stick puppets. In this project you can learn how to create a puppet stage, make puppets from socks, boxes, paper bags and other common objects, manipulate a puppet to show action, and write your own puppetry script. **(Fair Exhibits will be entered under Theater Arts)** ●

Juggling

The ultimate “learn-by-doing” project! Discover the basics of keeping 3 or more objects in the air at the same time. Attend or participate in several countywide juggling workshops. **(Fair Exhibits will be entered under Theater Arts)** ●

Music

In this project members can explore their love of music. Using their instrumental or vocal abilities alone or in a group, learn about a musical production and compose your own music. Attend or participate in a music festival. ●

Paper Art/Origami

Explore the ancient Asian art form of paper folding called origami. Get creative and see what you can make! ■



Rubber Stamping

Are you creative? Do you like making your own note cards, holiday cards, gift tags and stationery? If so, then the rubber stamping project is for you! Learn how to use dye inks, pigment inks, markers, watercolor pencils, chalks, paints, embossing powders and more to create beautiful items for you and your home. From traditional stamping to techniques such as brush markers, omitting, color book, puffing, masking, embossing, and more, there is something for the creative you in this project. ●

Child Development

(Junior Fair Department 29)

In this project members will learn about themselves and younger children. They will develop and practice baby-sitting skills, try fun activities that can be used for babysitting, and improve the quality of care members give to younger children. Participate in a baby-sitter training course, or help younger members in your club; explore how and why children develop the way they do. ■

Clothing

(Junior Fair Department 27)

In this project you will learn basic clothing construction and sewing techniques. As you progress you will enhance your sewing skills beyond the basics and begin to select construction techniques you would like to learn and projects you would like to make. ■



Knitting & Crocheting

(Junior Fair Department 26)

Crocheting

Discover what to consider when buying yarn, crochet thread, and crochet equipment. Learn crocheting, finishing techniques and how to care for crocheted items. ■

Knitting

Find out what to consider when buying yarn and knitting equipment. Learn knitting and finishing techniques, as well as how to correct errors and care for your knitted items. ■



Foods & Nutrition

(All Foods and Nutrition related Projects-
Junior Fair Department 25)

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.

Foods & Nutrition

There are many, many things one can learn and do in this project. Youth can learn what's good to eat and how to fix foods, such as, pizza pockets, microwave stuffed potatoes, muffins, and pancakes. Members learn how to store your food safely and decode food labels. Youth can make vegetable salads, main dishes, and yogurt. Learn to change recipes and freeze leftovers. Learn to evaluate nutrition information and fat diets. Make low fat dips, breadsticks and natural food additives. Learn to dry fruit, compare homemade foods to box mixes and develop a snack product.



Advanced members in this project explore making bean burritos, jelly, jerky and peanut butter. Cook fish and marinate meat. Conduct a food activity with young children, plan menus with various budgets, compare costs of eating out, plan and cater a party, or plan an international food "festival." ■

Food Preservation

This project focuses on making jam, freezing, canning, pickling, and drying foods. Learn how to preserve food safely and about proper storage requirements. ■

Home Environment

(Junior Fair Department 28)

This project begins with an introduction to color, texture and wood finishing and works up to elements of design called line, shape and space. Make simple accessories and study furniture finished while learning to make every project more attractive. Explore ways to hang accessories on the wall in creative ways and learn when and how to clean or restore furniture. ■

Mechanical Sciences

(All Mechanical Sciences-Junior Fair Department 24)

Model Rocketry

In this project you will learn about the history of rocketry, understand the basic parts of a model rocket, make and fly your own rocket, and learn about model rocket safety. ■



Radio Controlled Airplanes

This project teaches you the basics of radio-controlled airplanes. It describes the workings of the plane, engine and radio. ● *

Computers

This project is designed for beginners with little or no experience who have access to a computer through the skilled Computer User. Members can find out how computers are used today, identify parts of a computer, how to clean a computer, evaluate software, produce computer-generated documents, learn about on-line safety, and more. Members may use the computer and Internet for research, take apart an old computer to understand how it works, use a database to organize and process information, talk in a chat room, use desktop publishing to create and print a publication and more. Finally skilled members may build your own computer system, use a spreadsheet to make graphs and charts, design a web site, design a multimedia presentation and more. ■

Geospatial

Exploring Spaces, Going Places explores the world of geospatial science and goes where no 4-H project has ever gone before! They are valuable resources to anyone interested in geospatial technology, geographic education, Geographic Information Systems (GIS) and Global Positioning Systems (GPS). ■

Aerospace (Model Airplanes)

Learn about the parts of a plane and tools for model building, as well as how to build, test and fly models.

Bicycle

Learn how to identify the parts of a bicycle, follow bicycle rules, handle emergencies and hazards, determine your reaction time and ride safely. ■



Legos

Using Lego building blocks, members will learn expand their creativity and building skills. Members can work independently or as part of a team. K-nex, Lincoln Logs, and Tinker Toys are also some materials that can be used in this project. ●



Robotics

Bricks, blocks and gears are just the beginning of building a robot. Beginning members learn what a robot is, how to build one and how to program the robot to use sensors to interact with its environment.

More advanced project levels require learning new systems and exploration in both programming and mechanics. Youth will advance their programming techniques, use subroutines and variables to achieve more precise movements of their robots and build their own custom functions. Youth practice and develop creative thinking, decision making and leadership skills. ■

Small Engines

This project covers small engine parts; principles of operation, carburetion, care and maintenance; trouble shooting; preparing an engine for storage; and small engine safety. ■

Scale Model

Learn how to assemble and create scale models of trains, trucks, cars, ships, motorcycles, submarines and tanks. This project describes how to obtain the materials you need, paint your model, display your model and how to judge it. ■

Tractors

This project is recommended for ages 12 and over. It covers the many parts of a tractor, from nuts and bolts, to the instrument panel. Learn about tractor safety, engine oil, mixing fuel and air, how to give a tractor regular maintenance, safety checks and safe driving. ■

Off-Highway Vehicle

Discover the proper ways to enjoy the outdoor activity known as OHVing! Off-highway motorcycles (dirt bikes), all-terrain vehicles (ATVs), and snowmobiles can be an enjoyable group experience. In this project, safe and responsible riding habits will be established. Whether you own an OHV now or would like to know more about them before deciding if you should get one, this is the project for you! ●



Electricity

(Junior Fair Department 23)

In this project members will learn the fundamentals of electricity and explore the relationship between magnetism and electricity. Learn about current and voltage, conductors and circuits while you build a magnet, buzzer or electric motor. Study home electrical systems and how to use them safely. Build your own electrical mechanisms for use. This project also teaches you how basic electronic components “process” electrons to form basic electronic circuits. It describes the workings of radio, TV, other communication devices, computers, phototubes and radar. You can build several types of simple radios, microphones and other basic electronic equipment from scratch. ■

Woodworking

(Junior Fair Department 22)

Learn how to trace patterns, measure, mark, cut, nail, glue, sand, and finish while making projects from wood. Use power tools, identify wood types and make your own patterns. ■

Natural Sciences

(All Related Projects Junior Fair Department 16)

Exploring Your Environment

Select your own “Nature Space” and conduct an inventory of its environmental and ecological features. Explore habitats, populations and relationships through a variety of hands-on activities. Discover the concepts common to most nature projects. ■



Birds

Learn about the birds in your area, how to identify birds, how birds live in their environment and in the world of humans, their territorial behavior, migration patterns, building bird feeders and houses, banding birds, endangered species and game management. ■

Fishing

Learn how to identify fish, select fishing sites, ice fish, prepare fish for the table, mount fish, and fish safely. You will also learn rules and regulations for fishing, selection and care of fishing equipment, using natural and artificial lures, keeping a fishing journal and how to read lake maps. ■ *

Entomology (Insects)

Learn how to identify insects, why insects have different colors, shapes, sizes, mouthparts and legs, how to collect insects, what insects need to live, control of insect pests and about entomology-related careers. ■ *

Wildflowers

Learn how to identify wildflowers, where they grow, their life cycles, what they eat, and who eats them. Discover how humans affect wildflowers and how they change our lives. Plant collecting, labeling and mounting are included in this project. ■

Camping

Learn how to camp safely in all weather conditions, investigate camping equipment and clothing, build a campfire, cook a meal outside, tie knots, practice first-aid, use a map and compass, and more. ■

Backpacking

Discover backpacking opportunities, learn how to backpack safely in all weather conditions, investigate backpacking equipment and clothing, develop wilderness manners, improve your observation skills, cook a meal on a backpacking stove, help develop and maintain a hiking trail, and more. ■

Shooting Sports

(All related projects entered under Natural Sciences Junior Fair Department 16)

Archery

This project covers the fundamentals of archery marksmanship and safety; making archery equipment, shooting form, shooting with sights and compound bows, and target games.

****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details. ***



Air Rifle

This project covers the fundamentals of air rifle marksmanship and safety. ****Mandatory county wide meeting attendance required in order to exhibit at the fair. See project handbook for details. ***

Hunting

This project is an introduction to the history, philosophy and laws of hunting. Members can explore more about hunting to plan and prepare for a safe hunt. ●

Plant & Soil Sciences

(Junior Fair Department 14)

Corn

One of the tallest members of the grass family, corn is a valuable crop and interesting to grow. Learn about variety selection, germination, planting, nutrients, harvesting and storage. Members can explore the many uses and marketing strategies for corn. ■

Forage

Alfalfa is the most important forage crop in Wisconsin. In this project, you will learn how to establish and manage a forage crop. You will also learn how to scout your fields for insects, weeds, diseases and nutrition shortages and take a forage sample. ■

Small Grains

Learn about other members of the grass family such as wheat, oats, barley, and rye. Explore growing conditions, nutrients, integrated pest management, production costs and marketing strategies. ■

Vegetables

In this project members will explore basic gardening practices, getting to know soil, planning, preparing, planting, and caring for your garden. Explore harvesting and marketing methods. Study how to raise vegetables organically. ■ *



Flowers & Houseplants

(Junior Fair Department 15)

House Plants

In this project you will grow foliage and flowering plants, propagate them from leaf and stem cuttings, fertilize and water plants and recognize and control insects and disease. You will grow indoor plants from bulbs and construct a dish garden or terrarium. ■ *

Plant Crafts

This project covers harvesting, drying, and using plant materials to make dry arrangements, collages, potpourri, Tussie-Mussies and other plant crafts. ■

Flowers

In this project you will grow annual and perennial flowers, start annuals indoors and make bouquets and flower arrangements. ●

Self-Determined & Youth Leadership

(Junior Fair Department 33)

Self-Determined

A self-determined project gives you the freedom to create your own project or expand on a traditional project. You will select your project, outline a plan, identify resources, carry out, and evaluate your plan. What do you want to do in this project? ■

Youth Leadership

This project will allow members the opportunity to really think about and explore different leadership skills that will be needed throughout life. Members should explore their skills by chairing committees, leading activities, helping adult leaders plan and lead project meetings and planning events they would like. ■

History & Heritage

In this project members can research their ancestors and discover their heritage. Where they came from, how far back they can trace their roots, whether or not they are related to someone famous? This project provides a great opportunity for youth to investigate and research their family tree. ■

Citizenship

Improve the world around you through Public Adventures, the 4-H Citizenship project. Discover public issues that are important to you and others. Plan a project that will create, change, or improve something that is valuable to many people. Then do it! This is what being an active citizen in a democracy is all about! ■

International Programs

In this project members will enjoy activities that look carefully at the world. Take time to understand their global citizenship responsibilities in today's world. Learn how important it is to know about other countries and cultures. Become an exchange member or host a student from another country! ■

Sheboygan County 4-H Project Leaders

These fine volunteers, among many others, graciously give of their time and talents to help young people master new skills and learn new crafts. Please call on them if you are looking for guidance as you develop your project throughout the year.

Air Rifle	Detiege, Steve	920-803-9060
Air Rifle	Wieck, DuWayne	920-627-1879
Archery	Bohrmueller, Rhonda	920-528-7774
Archery	Bohrmueller, Warren	920-528-7774
Art:Celebrate Art	Bidinger, Jenny	920-528-8881
Art:Celebrate Art	Dulmes, Angela	920-980-4760
Art:Celebrate Art	Limberg, Barbara	920-526-3607
Art:Celebrate Art	Meyer, Amy	920-918-2876
Art:Celebrate Art	Navis, Mary	920-668-6873
Art:Celebrate Art	Potter, Jennifer	920-207-8147
Beef	Gartman, Liz	920-207-3727
Beef	Hand, Ann	920-467-0893
Beef	Hand, James	920-467-0893
Beef	Jeske, Donna	920-564-2752
Beef	Kitzerow, Mike	920-946-0791
Beef	Klemme, Michelle	920-892-6742
Beef	Wimmler, Brian	920-528-7304
Bicycles - Engr and Tech	Longrie, Karen	920-526-8022
Birds	Glocke, Tim	920-565-2912
Blacksmithing	Menting, Larry	920-550-3000
Blacksmithing	Sippel, Daniel	920-893-5261
Blacksmithing	Van de Pas, Hubert	920-838-0426
Cake Decorating	Gabsch, Christine	920-980-4879
Cake Decorating	Roll, Kelly	920-528-8918
Camping	Johnson, Julie	920-395-4741
Cats	Samse, Alice	920-467-1558
Cats	Shallue, Sarah	920-698-6033
Cavies	Niffenegger, Tammie	920-627-1769
Cavies	Rappl, Janet	920-238-1963
Cavies	Scholten, Barbara	920-980-4219
Ceramics	Kirsch, Lynette	920-565-3701
Ceramics	Potter, Jennifer	920-207-8147
Child Dev.	Hellmer, Debra	920-526-3299
Child Dev.	Schuren, Shannon	920-694-0849
Clothing	Schmid, Lori	920-565-5042
Clothing	Schwartz, Kathy	920-526-3252
Clothing	Thoresen, Joni	920-452-8526

Cloverbuds	Arbuckle, Michelle	920-918-9164
Cloverbuds	Haag, Elizabeth	920-528-7363
Cloverbuds	Hau, Kaye	920-526-3882
Cloverbuds	Kolste, Dana	920-838-0730
Cloverbuds	Meinnert, Sharleen	920-838-2002
Cloverbuds	Meyer, Amy	920-918-2876
Cloverbuds	Oertel, LeAnn	920-629-1205
Cloverbuds	Peters, Sara	920-698-0304
Cloverbuds	VanderWeele, Cindy	920-564-6643
Communications	Booth, Courtney	920-946-4517
Computers	Carbaugh, Julie	920-893-6053
Creative Writing	Johnson, Julie	920-395-4741
Creative Writing	Schuren, Shannon	920-694-0849
Creative/Cross Stitchery	Carbaugh, Julie	920-893-6053
Crocheting	Carbaugh, Julie	920-893-6053
Crocheting	Gabsch, Christine	920-980-4879
Crocheting	Kirsch, Lynette	920-565-3701
Crocheting	Lippert, Julie	920-452-8226
Crocheting	Rammer, Mary	920-528-7305
Crops	Phipps, Philip	920-526-3020
Dairy	Bleck, Jeff	920-526-3309
Dairy	Bleck, Lea Ann	920-526-3309
Dairy	Booth, Chris	920-946-4517
Dairy	Booth, Courtney	920-946-4517
Dairy	Feldmann, Sara	920-980-9704
Dairy	Filipiak, Jackie	920-783-6296
Dairy	Foerster, Denise	920-564-6421
Dairy	Gartman, Lucas	920-207-3727
Dairy	Helmer, Andrew	920-892-7503
Dairy	Helmer, Lynn	920-892-7503
Dairy	Oberreich, Kelly	920-838-1410
Dairy	Ridge, Heidi	920-467-4241
Dairy	Ridge, Robert	920-467-4241
Dogs	Britt, Sarah	920-226-9027
Dogs	Dulmes, Angela	920-980-4760
Dogs	Gartman, Becky	920-946-1966
Dogs	Holentunder, Emily	920-946-8728
Dogs	Lippert, Julie	920-452-8226

Dogs	Schwartz, Kathy	920-526-3252
Dogs	Theobald, Theresa	920-912-6229
Drawing & Painting	Debbink, Amy	920-467-6654
Exploring Your Environment	Jens, Jessica	608-393-6568
Exploring Your Environment	Lentz, Tom	920-564-3798
Exploring Your Environment	Meyer, Amy	920-918-2876
Exploring Your Environment	Mechenich, Mollie	920-980-9054
Exploring Your Environment	Oertel, Leann	920-629-1205
Exploring Your Environment	Bitter, Robyn	920-627-4215
Exploring	Haag, Elizabeth	920-528-7363
Exploring	Meinnert, Sharleen	920-838-2002
Exploring	Menting, Sandra	920-550-3000
Exploring	Meyer, Sarah	920-918-2876
Exploring	Rauch, Kelly	920-550-2004
Fishing	Behnke, Tanya	920-207-4515
Flowers	Brown, Nancy	920-980-7773
Flowers	Morse, Janice	920-980-1666
Food Preservation	McMullen, Sarah	920-994-2650
Food Preservation	Potter, Jennifer	920-207-8147
Food Preservation	Schwartz, Kathy	920-526-3252
Foods & Nutrition	Ford, Jessica	920-207-6805
Foods & Nutrition	Johnson, Nancy	920-564-6239
Foods & Nutrition	Klahn-Schwartz, Becky	920-207-4595
Foods & Nutrition	Klemme, Michelle	920-892-6742
Foods & Nutrition	Palmer, Lynn	920-627-2121
Foods & Nutrition	Rohrbeck, Edith	920-458-4849
Foods & Nutrition	Schefsky, Gina	920-564-6486
Foods & Nutrition	Schwartz, Manda	920-917-0066
Home Environment	Klahn-Schwartz, Becky	920-207-4595
Home Environment	Navis, Mary	920-668-6873
Horse Clothes	Boenisch, Lynn	920-627-5565
Horse Clothes	Schmid, Lori	920-565-5042
Horse Clothes	Thiel, Delda	920-892-6766
Horse Model	Thiel, Delda	920-892-6766
Horse	Albrecht, Angela	920-226-1709

Horse	Kissel, Nancy	920-458-2910
Horse	Krueger, Wendy	920-893-2589
Horse	Noll, Angel	262-689-1488
Horse	Pritzlaff, Gary	920-838-4378
Horse	Schipper, Becky	920-627-3035
Horse	Schmid, Lori	920-565-5042
Horse	Schultz, Darren	920-980-9873
Horse	Zittel, Sherry	920-254-4263
Horseless Horse	Hansen, Megan	920-889-6497
Horseless Horse	Krueger, Wendy	920-893-2589
International	Longrie, Karen	920-526-8022
Legos	Akstulewicz, Roxanne	920-457-8432
Goats	Dulmes, Shelly	920-254-5706
Goats	Van Sluys, Willard	920-980-0116
Model Rocketry	Jump, Kevin	920-565-2497
Model Rocketry	Parrish, Jim	920-627-0293
Photography	Abraham, Kara	920-892-7602
Photography	Arbuckle, Laura	920-400-1213
Photography	Beumler, Cathy	920-287-7038
Photography	Klahn-Schwartz, Becky	920-207-4595
Photography	Meyer, Sarah	920-918-2876
Photography	Potter, Jennifer	920-207-8147
Photography	Radtke, Ann	920-528-8629
Photography	Robson, Louise	920-467-4278
Photography	Schwartz, Manda	920-917-0066
Plant Crafts	Widder, Heidi	920-893-2458
Poultry	Burkhardt, Lauren	920-627-4380
Poultry	Clemens, Warren	920-467-4183
Poultry	Vercouteren, Stanley	920-564-3028
Rabbits	Krentz, Lisa	920-946-1506
Rabbits	Lentz, Tom	920-564-3798
Rabbits	Meyer, Amy	920-918-2876
Rabbits	Meyer, Sarah	920-918-2876
Rabbits	Niffenegger, Tammie	920-627-1769
Rabbits	Oberreich, Deborah	920-893-9702
Rabbits	Potter, Jennifer	920-207-8147
Rabbits	Rappl, Janet	920-238-1963
Rabbits	Scholten, Barbara	920-980-4219
Radio Controlled Plane	Jump, Kevin	920-565-2497
Radio Controlled Plane	Parrish, Jim	920-627-0293
Rifle	Detiege, Steve	920-803-9060

Rubber Stamping	Limberg, Barbara	920-526-3607
Scrapbooking	Dulmes, Angela	920-980-4760
Scrapbooking	Klemme, Michelle	920-892-6742
Scrapbooking	Limberg, Barbara	920-526-3607
Scrapbooking	Mauk, Michelle	920-565-4308
Scrapbooking	Meyer, Sarah	920-918-2876
Scrapbooking	Schmid, Lori	920-565-5042
Scrapbooking	Schwartz, Manda	920-917-0066
Self-Determined	Schwartz, Manda	920-917-0066
Sheep	Bulin, Dan	920-946-3909
Sheep	Kohlman, Chad	920-377-6011
Sheep	Kohlman, Scott	920-893-8893
Swine	Beck, Charles	920-980-1357
Swine	DuMez, Randy	920-627-1643
Swine	Klemme, Michelle	920-892-6742
Swine	Limberg, Barbara	920-526-3607
Swine	Malone, Jesse	920-528-7654
Swine	Schleicher, Jeff	920-467-4713

Swine	Schleicher, Timothy	920-838-2727
Theatre Arts	Arbuckle, Laura	920-400-1213
Theatre Arts	Carbaugh, Julie	920-893-6053
Theatre Arts	Heup, Charles	920-892-7069
Tractors	Sukowaty, Bob	920-467-2200
Vegetables	Twohig, Nicole	920-893-2458
Vegetables	Widder, Heidi	920-893-2458
Veterinary Science	Bleck, Lea Ann	920-526-3309
Veterinary Science	Meyer, Sarah	920-918-2876
Veterinary Science	Schipper, Becky	920-627-3035
Wildflowers.	Carbaugh, Julie	920-893-6053
Woodworking	Gerlach, Todd	920-889-1017
Woodworking	Lippert, Aaron	920-452-8226
Youth Leadership	Schwartz, Manda	920-917-0066