Dodge County 4-H

2019-2020 Enrollment Guide
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Dear 4-H Families,

Welcome to 4-H Youth Development, the largest youth organization in Wisconsin! You are among the over 32,300 youth reached in over 1,300 organized Wisconsin 4-H community clubs. You will be in good company as you grow in life skills throughout 4-H this year. Another 195,000 Wisconsin youth get involved in 4-H through special educational opportunities at school, in after school programs, or at neighborhood or youth centers. You may also be one of over 16,700 adult volunteers or 5,200 youth volunteers throughout the state who serve the 4-H program.

Regardless of how you participate in 4-H, it is open to anyone regardless of race, color, creed, sex, national origin, disability, or place of residence. Creating an inclusive environment is part of belonging, one of the essential elements of 4-H Youth Development. The others are mastery, independence, and generosity.

Part of University of Wisconsin – Madison, Division of Extension, 4-H is a program where youth learn together in all kinds of projects, events, and activities. In 4-H, you choose the projects that fit your personal interests. A 4-H project is an area that you want to learn more about during the year. In most projects, you receive materials to help you. An adult leader is usually available to help with project work. This guide lists projects that are available to you.

Besides projects, you can get involved in events and activities year round. Some of the more popular activities include foods and clothing revue, animal clinics/workshops, communication and arts festival, camps, county and state fair, community service, field trips, recreation, speeches, and demonstrations.

Parents are an important part of 4-H. Parents help you choose your projects, provide support and transportation, and encourage you to do your best. Many parents share time, skills, interests, and resources with the entire 4-H club by becoming project or club leaders. Best of all, 4-H is “hands-on” learning-by-doing action; the kind of learning both youth and adults can really tune into. May your family enjoy a rewarding 4-H year! You can start learning the 4-H pledge together:

"I pledge my HEAD to clearer thinking,
my HEART to greater loyalty,
my HANDS to larger service,
my HEALTH to better living for my CLUB,
my COMMUNITY, my COUNTRY, and my WORLD."

Take a look through the Enrollment Guide. Select the projects that interest you and your family. Good luck in project selection and have a great year learning through 4-H!

If you have questions, please contact the Dodge County Extension Office at 920-386-3790. You can also check out Dodge County 4-H at our website https://dodge.extension.wisc.edu or on the state website: https://4h.extension.wisc.edu/

Best wishes for a rewarding year in 4-H!

Marie Witzel
4-H Youth Development Educator

Ellen Bohn
4-H Program Assistant

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ENROLLMENT KEY DATES

• SEPTEMBER 17, 2019: Enrollment Opens on 4HOnline for Dodge County 4-H.

• NOVEMBER 1, 2019: Deadline for re-enrolling members to enroll using 4HOnline.

• DECEMBER 31, 2019: Deadline for new members to enroll using 4HOnline to be eligible to exhibit at the 2020 Dodge County Junior Fair. However, new members can join 4-H at any time.

REMEMBER:
The projects you sign up for are the ONLY projects you can ENTER in the Dodge County Junior Fair. Projects cannot be added or changed after December 31st!
Enrolling in 4HOnline as a NEW family

To enroll in Wisconsin 4HOnline, you need a computer, internet access, a valid e-mail address and a web browser. If you need access to a computer and internet, you can use resources available at your local public libraries throughout Dodge County. You could also contact the Dodge County Extension office at 920-386-3790 to set up an appointment to use a computer for online enrollment.

The Family profile and member information should be entered by a parent/guardian unless the member enrolling is 18 years or older.

Go to http://wi.4honline.com (notice there’s no “www” in that address). After carefully reading the instructions at the top of the page, you are ready to begin entering your family information.

Note: To move between boxes, you need to use your mouse or the TAB key. Don’t press the ENTER key or click on the BACK ARROW – you will lose any information that you have entered. Information on each page is saved when you click on the “Continue” button.

1. Click “I need to set up a profile”. A drop down menu will appear. Select the county you want to join, then type in your valid family e-mail address.
   The E-mail address entered will be the account login for the entire family. It must be valid in order for you to have access to your enrollment information.

2. Confirm your e-mail address.

3. Type in your parent/guardian/household’s last name. (This will be the name that appears on mailing labels—“The Johnson Family” for example.)

4. Create your password – must include letters and numbers/symbols with a minimum of 8 characters.

5. Click on “Create Login”

Note: Be sure to select the county you wish to join 4-H in and not the county you live in if they are not the same.
Family Information Page

1. Fill in all your personal information correctly and completely to create your family profile. Make sure that you choose your correspondence preference for either “Mail” or “Email”. This will determine how you receive your 4-H newsletter.

2. Do not check the “Update member records with the same address” box at this time.

3. Click on the “Continue” button at the bottom of the page.

**Note:** The Password Management section is only used when you want to set a new password. You do not need to enter anything there at this time.

Member List Page

1. You are now at the “Member List” page. In the drop down box under “Add a New Family Member”, select “youth” and click on “Add Member”.

**Note:** The event registration section on this page is not available for use at this time.
Youth Personal Information Page

Fill in all information for this member correctly and completely.

1. If the member has a different e-mail address than the family one entered at login, enter it in the top box.

2. Enter the member’s legal name.

3. For the “Years in 4-H”, enter “1” if this is the first year. Otherwise, enter the number that reflects your experience. For example, if this is the beginning of your fifth year in 4-H, enter 5.

4. If there are parents/guardians that live in a different residence, enter their mailing information under Secondary Household.

5. Is the member a youth leader (officer, project leader, Committee member?) volunteer? Select “yes” or “no.”

6. Ethnicity – If you consider your child to be a part of the Hispanic culture, mark “yes”. Then check one or more of the boxes pertaining to race.

7. Choose your residence.

8. Complete the Military Service of Family section only if it applies.

9. School Information – choose your county from the drop down menu first, then select your child’s school. If your school is not listed, click on “If you are unable to locate your school...” and enter the school name and type.

10. Select your child’s current grade in school.

11. Click on the “continue” button at the bottom.

Note: Bolded items are required to continue to the next screen. Missed items will be highlighted in pink to help you identify any missing information.
Please read each statement on this page carefully. Completion of each of the agreements is required for participation in the program. **It is important to understand that checking the boxes to agree is considered your e-signature and it has the same legal force and effect as your hand-written signature.** Questions pertaining to the agreements below can be addressed by contacting Dodge County 4-H Youth Development/UW-Extension Office at 920-386-3790.

Complete the five following authorizations:

- Assumption of Risks
- Hold Harmless, Indemnity and Release
- Consent for Emergency Treatment
- Code of Conduct
- Photo Release

After completing each of the five authorizations, click on the “continue” button.

**Note:** The “continue” button will take you to an optional health form. It is not required at the time you are enrolling, but will be required to participate in certain events and activities. After you have completed the form once, the information will be retained. You can return to 4HOnline to update information that may have changed since the last time it was completed. Scroll down and click on the “continue” button if you do not want to fill it out at this time.

This is the Clubs/Projects/Groups page, where you will select a 4-H club and projects for the current 4-H year.

On the Clubs tab:

1. Select the correct club from the drop down menu and click on it.
2. Be sure to click “Add Club”.
3. Click the “Continue” button.
On the Projects tab:

1. Under “Select a Project” click on the drop down menu and select the first project for this youth.
2. “Years in Project” – must have 1 for 1st year members. For returning members, enter the number that reflects your experience. For example, if this is the beginning of your second year in the project enter 2.
3. Click on “Add Project”.
4. For each additional project that you want to add, repeat the steps above.

*NOTE TO RE-ENROLLING MEMBERS: Be sure to UPDATE your project level where applicable!

After you have entered all your project(s), click on “Submit Enrollment” and you are done!

**Entering Additional Youth or Adult Leaders in Your Family**
If there is another youth (or an adult leader) in your family enrolling in 4-H, repeat this process for them. There is an option to “copy parent information from another youth record”. Using that option will shorten the process for entering additional youth.

**Enrollment Approval**
After your enrollment has been submitted, it is sent to your club leader and the Dodge County UW-Extension 4-H office to be confirmed. If there are any problems with your enrollment, such as incorrect or missing information, you will get an e-mail asking you to complete the missing information and resubmit the enrollment. If there are no problems, you will receive an e-mail stating that your enrollment has been accepted. E-mails related to your enrollment will be sent to your family e-mail address. If you do not receive an e-mail from 4HOnline in your inbox, please check your junk mail folder.

**Use 4HOnline Throughout the Year**
Keep your login (family email address) and password handy so that you can log in to the program and update your records whenever you need to. You will have access to your 4HOnline records throughout the year to update personal information, look up your family members’ enrollment in clubs, projects and leadership roles, read newsletters, receive announcements about 4-H activities and more.
**OVERVIEW**

This document explains the process of a family re-enrolling members and leaders in 4HOnline.

**DEADLINE TO RE-ENROLL IN DODGE COUNTY 4-H: November 1, 2019**

**GETTING STARTED - HTTPS://WI.4HONLINE.COM**

- To get started with the re-enrollment process, log into 4HOnline with your family email and password.
- On the family home screen, click on the orange button labeled Continue to Family.
- On your Member/Volunteer list, find the family member you wish to re-enroll and click on Edit next to their name.

**RE-ENROLL**

- At the bottom of the next screen, click on the button for Enroll for 2019-2020.
- If the youth is over 17 years old, a box will appear asking if you wish to enroll as a youth or an adult. If the youth is graduating from 4-H and wants to continue as an adult leader, then choose Enroll As Adult, otherwise select Enroll as Youth.
- You will now see the Personal Information that you entered when you first enrolled. Look over the information and make any corrections. If the youth was in 12th grade last year, you must select the grade for this year, either Post High School Education or Not in School. When you are done, click on Continue.
- Next is the Additional Information screen when you will need to accept the agreements and answer the Photo Release and Accommodations questions. Click Continue when done.
- The Health Form for members is optional at enrollment, but you could be asked to complete it in the future if you attend any events that require one. Click Continue when done.

**ADULT VOLUNTEER LEADERS**

If you are an adult volunteer and see the Volunteer Screening page, then it has been 4 years since the last time a background check has been completed. You need to check over the answers to the questions and correct as needed. This page will only appear every 4 years. Click Continue when done.

- On the Participation -> Club screen, confirm the correct club is listed. If you serve in a volunteer role (but not as a project leader) click on Edit and select the volunteer type. Click on Update to save the change. Click on Continue when done.
- On the Participation -> Projects screen, confirm all the projects you are enrolled in are listed. Add any missing or NEW projects that you wish to take. Select your project literature, if applicable. If you are dropping a project, click on Edit for that project and then click on Delete. After making sure all your projects are listed correctly, click on Submit Enrollment.
WHO CAN JOIN 4-H?

MEMBERSHIP

4-H grade is determined as of October 1, 2019.

5-year kindergarten through 2nd grade (as of 10/01/2019) can enroll in Dodge County 4-H as Cloverbuds.

3rd graders enroll as Exploring members. Exploring members can add 1 additional project (optional). *NOTE: Exploring members that want to take Beef as a project must ONLY EXHIBIT in Beef Feeder classes at the Dodge County Junior Fair.

Starting at 4th grade, members can select from a variety of projects.
Youth continue to be eligible for membership (1) year beyond high school graduation (grade 13).

Member graduation option: Graduate from 4-H following high school graduation OR one year after high school graduation.

WISCONSIN 4-H YOUTH DEVELOPMENT POLICIES

Revised June 2017

1. Youth must annually sign the WI 4-H Youth Development Code of Conduct. Consequences for violating any part of this Code of Conduct may include, but are not limited to:
   - Removal from participation in the event in which the Code of Conduct has been violated (at the individual’s expense)
   - Suspension of membership
   - Sanctions on participation in future 4-H events
   - Forfeiture or repayment of financial support for the event
   - Loss of status as a “member” in good standing.”

2. “Member in good standing” is a youth who abides by the Code of Conduct and meets group or educational project participation requirements and deadlines.

3. Youth may hold 4-H membership in no more than one county or state at the same time.

   This statement does not limit multiple county memberships in a given year, but it does require that those memberships be consecutive rather than concurrent. Youth moving from one county to another, for whatever reason, can belong to 4-H in the second county, but it requires transferring their membership from the first county. This also does not limit someone from belonging to 4-H in a county or state that is different from their county or state of residence, neither does it prohibit a 4-Her from participating in educational programs in other states or counties.

4. Youth must qualify for participation in regional, state, or national 4-H competitions through their county of membership.
   - This statement does not prohibit a county from using an event in another county as the place where their members qualify for a regional or state competition. It does mean that members must be selected as representatives of only their county of membership, regardless of the location of the qualifying experience.
   - Youth must be enrolled in 4-H at the time the event/program occurs.
   - Participation is limited to those members who are in “good standing” with their local 4-H club and county.

DEADLINES

Enrollment is made through local 4-H Clubs using 4HOnline. Online enrollment for re-enrolling members is due by November 1, 2019. Re-enrolling members must turn in all fees TO THE GENERAL LEADER by the designated club deadline.

New Members (including new Cloverbuds and Explorers) should complete the online enrollment and submit fees to their local General Leader as soon as they have decided to become members of a club. New Member online enrollment is due by December 31, 2019 in order to be eligible to exhibit at the 2020 Dodge County Junior Fair; however, new memberships are accepted at any time. Once enrollment is completed, projects CANNOT be added or changed!
ENROLLMENT
County 4-H enrollment registration is $8.00 per member (including Cloverbuds & Exploring Members) and is paid to the local member club. Local club enrollment fees are determined by the individual club.

PROJECT FEES
Members may take 3 projects with no extra project fee. Additional projects have a $4.00 PER PROJECT fee in addition to County and Club fees. The Dodge County 4-H Leaders Association and Division of Extension subsidize all 4-H project areas. All extra project fees are to be paid to the local community club.

DODGE COUNTY 4-H CLOVERBUDS
- Cloverbuds are members in grades 5-year kindergarten through 2nd grade as of October 1, 2019.
- Enrollment is made through local 4-H Clubs and 4HOnline.
- Cloverbuds may ONLY ENROLL in the Cloverbud project.
- Enrollments are due by November 1, 2019 for re-enrolling Cloverbuds & by December 31st for NEW Cloverbuds to participate at the 2020 Dodge County Junior Fair.
- Traditional record books will not be used. Cloverbuds have a special Cloverbud Record Book.
- Cloverbuds will be able to participate in county 4-H activities.
- Cloverbuds pay the $8.00 county enrollment registration. Local clubs may have an additional Enrollment fee.

DODGE COUNTY 4-H EXPLORING MEMBERS
- Exploring members are members who are in 3rd grade as of October 1, 2019.
- Enrollment is made through local 4-H Clubs and 4HOnline.
- Exploring members WILL BE enrolled as Explorers. Members can add 1 additional project (optional).
  *NOTE: Exploring members that want to take Beef as a project must ONLY EXHIBIT in Beef Feeder classes at the Dodge County Junior Fair.
- Enrollments are due by November 1, 2019 for re-enrolling members.
- NEW member enrollments are due by December 31st to show at the 2020 Dodge County Junior Fair.
- Explorers will be able to participate in county 4-H activities.
- Explorers pay the $8.00 county enrollment fee. Local clubs may have an additional enrollment fee.

LEADERS
Volunteers help make 4-H possible. To volunteer, previous 4-H Youth Development experience is not necessary. The most important qualifications are: a desire to work with young people to help them learn new things and gain life skills; and providing youth positive experiences in a safe and welcoming environment. Extension volunteers work with staff to deliver educational programs extending University resources. Leaders are required to enroll using 4HOnline EACH YEAR. All leaders are automatically members of the Dodge County 4-H Leaders Association. Volunteer types include:

  o **Club Leader** - Includes: Club leader, Co-organizational Leader, Co-General Leader, Organizational Leader, and General Leader; provide leadership to the club or group organization
  o **Project Leader** Provide leadership and organization to the project group learning about a specific topic.
  o **Activity/Event Volunteer** Provide leadership/organization for an activity or event and/or participate as a committee member
  o **Club Enrollment Coordinator** Provide leadership for members and adult volunteers who are enrolling in the club or group organization
  o **Adult Advisor/Chaperone** - work with a team of adult advisors and 4-H Youth Development staff to ensure youth have a safe and positive educational experience
  o **Committee Volunteer** Provide leadership for a committee and/or participate as a member of a committee; create educational experiences for all youth engaged in the program

**Required Training:** All adult volunteers 18 and older are required to complete the Wisconsin 4-H Youth Protection program, which includes: 1) a background check for arrest and conviction records; 2) participation in the Volunteers in Preparation Training; 3) annually signing the UW-Extension Volunteer Behavior Expectations; 4) completing the Mandated Reporter Training.
HOW TO SELECT PROJECTS
Make a list of things you like to do or learn about. Compare the list to the projects described in this guide. Descriptions after each project are not the project requirements. What you decide to take as part of your project work is up to you.

If this is your first year in 4-H, choose one or two projects to concentrate on.

NOTE:
• Not all clubs have project leaders in all projects.
• FIRST ask your General Leader project questions!
• Contact the indicated Resource Leader for specific project questions.
• No Fee for Youth Leadership or enrolling as a Youth Leader in project areas

ADULT & YOUTH LEADERSHIP
Club Leader - Club leader, Co-organizational Leader, Co-General Leader, Organizational Leader, and General Leader; provide leadership to the club or group organization.
Project Leader Provide leadership and organization to the project group learning about a specific topic.
Activity/Event Volunteer Provide leadership/organization for an activity or event and/or participate as a committee member
Club Enrollment Coordinator Provide leadership for members and adult volunteers who are enrolling in the club or group organization
Adult Advisor/Chaperone Work with a team of adult advisors and 4-H Youth Development staff to ensure youth have a safe and positive educational experience
Committee Volunteer Provide leadership for a committee and/or participate as a member of a committee; create educational experiences for all youth engaged in the program

YOUTH LEADERSHIP
What you can do in this project:
• Assess your leadership skills
• Practice effective communication skills
• Set goals and resolve conflict
• Plan a group event
Resource: 07905, My Leadership Workbook for Grades 3-5
• Explore how leaders are different
• Develop a multi-media presentation
• Set and achieve team goals
• Practice teamwork
Resource: 07906, My Leadership Journal for Grades 6-8
• Build trust in a group
• Assess you own strengths and weaknesses
• Write vision and mission statements
• Contribute to a group project
Resource: 07907, My Leadership Portfolio for Grades 9-12

YOUTH LEADERSHIP LDR
07904, Leadership Mentor Guide for Grades 6-12

YOUTH LEADERSHIP YTH LDR

YOUNGER MEMBERS
Cloverbud Resource Leaders:
Anne Rinzel 920-583-4162 Janet Zander 920-382-9499

CLOVERBUDS
What you can do in this project:
• Learn about 4-H activities and events
• Learn about working together as a club or team
• Share with others what you have learned
Grades: 5-year Kindergarten, 1, 2
Resources: Cloverbuds – Activity Booklet
Cloverbuds – Program Record Book Guide

CLOVERBUD LDR
Resources: 4H414, Helping Youth Grow into 4-H
05560, 4-H Discovery Program for 6-8 Yr. Olds

CLOVERBUDS YTH LDR

EXPLORING
What you can do in this project:
• Learn about the 4-H program
• Sample a variety of projects offered in 4-H
• Learn about yourself and others
Grade: 3
Resource: 08171, Exploring the Treasures of 4-H

EXPLORING LDR
Resources: 08172, Exploring Treasures of 4-H Helper’s Guide

EXPLORING YTH LDR

SERVICE LEARNING & CITIZENSHIP
CITIZENSHIP
What you can do in this project:
• Discover and discuss public issues
• Plan a project that will create, change or improve your community
Resource: 08153, Citizenship Adventures Kit

CITIZENSHIP LDR

CITIZENSHIP YTH LDR

SERVICE LEARNING
What you can do in this project:
• Learn to give back to your community
• Reflect on your experiences
• Identify community needs
• Plan a service project and execute the idea
• Plan and implement your own service project
• Share with others your project plan and outcome
• Conduct an evaluation of your project

SERVICE LEARNING LDR
Resource: 08184, Service Learning Helper’s Guide
SERVICE LEARNING YTH LDR
SPECIAL EMPHASIS Member
SPECIAL EMPHASIS LDR
SPECIAL EMPHASIS YTH LDR

**SELF-DETERMINED**

**SELF-DETERMINED**

What you can do in this project:

- Create your own project or expand on an old one
- Select a project, develop a plan, identify resources
- Carry out and evaluate your plan

Resource: 4H272, *Designing Your Own Project*

When enrolling, you MUST INDICATE specifically what you are planning to do!

**SELF-DETERMINED LDR**

**SELF-DETERMINED YTH LDR**

**ANIMAL SCIENCES**

*Beef Feeder County Resource Leader:*
Janet Arndt 920-763-2135

*Beef County Resource Leaders:*
Andy Neff 920-382-5552  Mike Guenther 920-210-1588
Mark Nehls 920-285-3566

**BEEF**

What you can do in this project:

- Identify various beef breeds
- Identify parts of a beef animal
- Judge beef cattle
- Halter-break a calf, fit a steer, show a calf
- Recognize and raise a healthy animal

Resources: 08143, *Bite Into Beef*

4H450, *Judging Breeding & Market Cattle*

MA, *Meat Animal Project Record*

- Present oral reasons during judging
- Learn about feed ingredients, behavior, and parasites
- Study how to do nose-print identification
- Learn beef carcass composition and retail meat cuts

Resources: 08144, *Here’s the Beef*

- Explore selection and judging
- Learn about careers, health, reproduction, etc.
- Discover how to market your animal and by-products

Resources: 08145, *Leading the Charge*

**BEEF YTH LDR**

Resources: 08146, *Beef Helper’s Guide*

117R, *Beef Resource Handbook*

**BEEF YTH LDR**

**CAGE BIRDS Members**

Breeding management, feeding & care of cage birds.

Resource: NCR-42 *Cage Birds in the Home*

**CAGE BIRDS LDR**

**CAGE BIRDS YTH LDR**

**Cats County Resource Leaders:**

*Leslie Odenwald 920-210-7802*

**CATS**

What you can do in this project:

- Select a cat
- Identify cat breeds
- Name the parts of a cat
- Handle and groom a cat
- Care for its health
- Create a budget

Resource: 08148, *Purr-fect Pals*

- Learn about cat senses and sounds
- Explore tricks to teach a cat
- Traveling with a cat
- Learn about feeding and emergency care
- Detect signs of illness and health issues

Resource: 08149, *Climbing Up!*

- Explore veterinary procedures
- Learn reproduction and cat body systems
- Learn showmanship and cat behavior
- Explore community laws and animal welfare

Resource: 08150, *Leaping Forward*

**CATS LDR**

Resource: 08151, *Cat Helper’s Guide*

**CATS YTH LDR**

**CAVIES (Guinea Pigs) County Resource Leader:**

*Terry Kelman 563-880-0510 Laurie Peirick 920-988-8096*

**CAVIES (Guinea Pigs)**

Breeds, breeding & management, feeding & care of young, proper equipment, showing.

**CAVIES LDR**

**CAVIES YTH LDR**

**DAIRY**

What you can do in this project:

- Identify dairy breeds
- Study and identify parts of the dairy cow
- Learn how to select quality dairy calves
- Fit and show a calf
- Identify stages of calving and care
- Assemble tools needed for packing a show box

Resources: 08161, *Cowabunga*

CANADA1, *Showmanship...Leading to Win*

CANADA2, *Preparing to Lead*

LDR, *Lifetime Dairy Record*

- Learn about housing and hay quality
- Learn about milking and food safety
- Explore ways to keep an animal healthy
- Observe animal behavior

Resources: 08162, *Mooving Ahead*

4H502, *The Rules are Black and White*

MPA, *Managerial Project Agreement:*

- Practice mastitis detections
- Learn to balance rations
- Practice pregnancy detection and delivery of a calf
- Learn body-conditioning scoring
• Promote dairy products
• Explore various dairy industry careers

Resources: 08163, Rising to the Top
HMR, WI 4-H Dairy Heifer Mgmt. Record

DAIRY LDR
Resource: 08164, Dairy Cattle Helper’s Guide

DAIRY YTH LDR

Dogs County Resource Leaders:
Shannon Desjarlais-Caine 920-887-2545; Tiffeny Herioux 920-285-3275; Hannah Davis 920-319-2207; Luther & Sandy Pohl 920-210-6672; Julie Schmiedlin 608-240-0544

County Dog Training Classes begin in April or earlier at the Fairgrounds. Watch your 4-H newsletter!

DOGS
What you can do in this project:
• Learn basic skills for dog care and training
• Discover different dog breeds
• Study and identify dog body parts
• Learn how to keep a dog healthy and groomed

Resources: 08166, Wiggles and Wags
4H436, The Basics of Training Your Dog
• Explore dog health and nutrition
• Discover genetic problems and population control
• Learn showmanship and training techniques
• Learn about show-ring ethics

Resources: 08167, Canine Connection
4H439, Dog Obedience – Novice & Beyond
• Investigate responsible breeding
• Care for geriatric dogs
• Train service dogs
• Explore careers related to dogs

Resources: 08168, Leading the Pack
4H437, A Guide to Showmanship

DOGS LDR
Resource: 08169 Dog Helper’s Guide
Dodge Co. Dog Project Handbook
4H458, 4-H Dog Judging Guidelines

DOGS YTH LDR

Dairy Goat County Resource Leader:
April Doll 920-219-1953

DAIRY GOAT
What you can do in this project:
• Gain hands-on experiences in the goat project
• Select, manage, fit, and show goats
• Learn responsible goat ownership

Resource: 08352, Getting Your Goat
• Learn to keep your goat healthy
• Feed your goat for maximum production
• Prepare for kidding
• Develop judging skills
• Learn how to milk a goat properly

Resource: 08353, Stepping Out
• Learn about genetics, diseases and breeding
• Study body-condition scoring and linear appraisal
• Understand bio-security and prevention measures

• Gain leadership and explore career opportunities

Resources: 08354, Showing the Way

DAIRY GOAT LDR
Resource: 08355, Dairy Goat Helper’s Guide
Webpage: 4h.uwex.edu/onlinepro/goats.cfm

DAIRY GOAT YTH LDR

Meat Goat County Resource Leader:
April Doll 920-219-1953

MEAT GOAT
What you can do in this project:
• Identify meat goat breeds and parts
• Learn to select a good animal
• Feed and care for a meat goat
• Develop a budget for a meat goat project

Resources: 07909, Just Browsing
• Recognize meat goat diseases
• Select a veterinarian and purchase breeding stock
• Understand reproduction cycle and keep records
• Fit and show meat goats

Resources: 07910, Get Growing with Meat Goats
• Learn to control diseases
• Understand bio-security and quality assurance
• Formulate rations
• Evaluate goat pastures

Resource: 07911, Meating the Future

MEAT GOAT LDR

MEAT GOAT YTH LDR

Horses County Resource Leader:
Sherry Helmer 920-928-2478

HORSES
What you can do in this project:
• Learn horse behavior and terms
• Study breeds and identify body parts
• Saddle, groom and bridle your horse
• Practice horse safety and horse selection

Resources: 08053, Giddy Up & Go
CO200, Horses & Horsemanship
4H180, Pleasure Riding
• Practice horsemanship and judging
• Understand horse selection and training
• Learn about tack, feeding and diseases
• Practice showing a horse and trail riding

Resource: 08054, Head, Heart & Hooves
• Explore horse breeding, genetics and heredity
• Understand horse diseases and prevention
• Learn about fencing, pasturing and housing
• Explore horse-related careers

Resource: 08055, Stable Relationships
• Train a horse
• Practice a round pen workout
• Learn English and Western style bridles
• Understand equitation and riding styles

Resource: 08056, Riding the Range
• Learn to set goals
• Compare costs of show clothing
• Present your horse in showmanship classes
• Rate your showmanship skills
• Practice proper show ethics

Resource: 08057, Jumping to New Heights

HORSE LDR
Resources: 08058, Horse Helper’s Guide

HORSE YTH LDR

HORSELESS HORSE
What you can do in this project:
• You do not need a horse in this project
• Explore horse behavior, terms and breeds
• Identify body parts
• Learn grooming, saddling and bridling
• Learn about safety and equipment

Resource: 08053, Giddy Up & Go
• Explore horse breeding, genetics and heredity
• Understand horse diseases and prevention
• Learn about fencing, pasturing and housing
• Explore horse-related careers

Resource: 08055, Stable Relationships

HORSELESS HORSE YTH LDR

CLOTHES HORSE
What you can do in this project:
• Learn how to make riding apparel and equipment
• Develop sewing and creative skills
• Understand textile selection and care

Resources: 4H374, Additional Patterns for Clothes Horse
4H389, Horse & Riding Attire

CLOTHES HORSE LDR
Resource: 4H360, 4-H Clothes Horse Activity Guide

CLOTHES HORSE YTH LDR

MODEL HORSE LDR

MODEL HORSE Member

MODEL HORSE YTH LDR

Choose PETS only if your specific pet is not listed elsewhere! You will be able to enter posters/displays at Fair, but may not be able to bring your pet.

PETS
What you can do in this project:
• Explore your favorite pet or select a pet
• Identify pet body parts
• Learn to provide a safe environment
• Design a space for your pet

Resource: 06359, Pet Pals

• Explore animal digestion and feeding
• Shop for pet supplies
• Determine the animal’s sex and proper health
• Study pet behavior and communication

Resource: 06360, Scurrying Ahead

PETS YTH LDR

Poultry County Resource Leaders:
Janelle Wiebelhaus-Finger 920-253-7099;
Dan Schwandt 920-763-3080; Don Schwandt 920-344-6884
(If you need literature on waterfowl, turkeys, bantam, or pigeon, contact the Dodge County Extension Office.)

POULTRY
What you can do in this project:
• Identify poultry breeds
• Learn parts of the bird
• Learn parts and functions of the egg
• Learn how to select and handle poultry
• Fit and show poultry

Resources: 06363, Scratching the Surface
SA, Small Animal Project Record
• Observe a healthy flock
• Select and judge broilers
• Discover how an egg is formed
• Prevent poultry diseases
• Discover how chicks imprint

Resources: 06364, Testing Your Wings
4H281, Poultry for Fun & Food
A2880, Chicken Breeds & Varieties
• Organize a judging clinic
• Manage a laying flock
• Discover qualities of eggs
• Handle poultry products safely
• Process a chicken

Resources: 06365, Flocking Together
SA, Small Animal Project Record

POULTRY LDR
Resource: 06366, Poultry Helper’s Guide

POULTRY YTH LDR

Rabbits County Resource Leaders:
Bill Meyer 920-262-1973; Don Schwandt 920-344-6884

RABBITS
What you can do in this project:
• Learn about selecting and handling rabbits
• Identify rabbit breeds and body parts
• Explore health issues and feeding

Resource: 08080, What’s Hoppening?
• Learn to select show rabbits
• Give oral reasons and judge rabbits
- Learn to tattoo and keep records of animals
- Detect diseases

Resource: 08081, Making Tracks
- Learn about breeding and genetics
- Design a rabbitry and marketing rabbits
- Learn about disease prevention and rabbit registration

Resource: 08082, All Ears

**RABBITS LDR**
Resource: 08083, Rabbit Helper’s Guide

**RABBITS YTH LDR**

**Sheep County Resource Leaders:**
Janet Phillips 920-210-3100; Becky Doman 920-248-9311
Josh Voigt 920-319-2988

**SHEEP**
What you can do in this project:
- Identify sheep breeds and body parts
- Observe sheep behavior
- Identify uses of wool and other by-products
- Fit and show sheep

Resources: 06367, Lambs, Rams and You
4H421, Judging Breeding & Market Sheep
MA, Meat Animal Project Record
- Learn to identify sheep parasites
- Promote meat safety
- Judge wool
- Diagnose sheep diseases
- Use medications safely
- Explore careers

Resources: 06368, Shear Delight
- Set sheep production goals
- Plan sheep related activities
- Market sheep products and teach others
- Plan a judging contest
- Explore careers

Resources: 06369, Leading the Flock

**SHEEP LDR**
Resources: 06370, Sheep Helper’s Guide
194R, Sheep Resource Handbook

**SHEEP YTH LDR**

**Swine County Resource Leader:**
Dennis Kohl 920-623-3984; Shawn O’Donovan 920-960-6460;
Eric Salmi 920-988-5295

**SWINE**
What you can do in this project:
- Identify swine breeds, feeds and animal parts
- Practice judging market hogs
- Identify pork meat cuts
- Practice fitting and showing a hog

Resources: 08065, The Incredible Pig
4H412, Judging Breeding & Market Swine
MA, Meat Animal Project Record
- Make a swine health care plan
- Identify diseases
- Assemble tack and pack a show box
- Plan and organize a facility expansion
- Complete a plan for a new pork product

Resources: 08066, Putting the Oink in the Pig
- Learn to make breeding and culling decisions
- Judge a class of breeding gilts
- Design a preventative herd health plan
- Manage a feeding program

Resources: 08067, Going Whole Hog
MA, Meat Whole Hog

**SWINE LDR**
Resources: 08068, Swine Helper’s Guide

**SWINE YTH LDR**

**VETERINARY SCIENCE 1**
What you can do in this project:
- Learn different breeds of animals
- Interpret animal behavior
- Identify feed nutrients
- Describe animal life stages and systems

Resources: 08048, From Airedales to Zebras
4H334, Adventure Notebook
4H131, The Normal Animal
- Create health records for your animal
- Conduct food safety experiments
- Discover importance of immunity and bio-security
- Consider ethics and animal welfare

Resources: 08049, All Systems Go
4H048, Animal Disease
- Investigate the importance of genetics
- Understand diseases that spread from animals to humans
- Learn about diversity of veterinary careers

Resources: 08050, On the Cutting Edge
4H133, Animal Health

**VETERINARY SCIENCE LDR**
Resources: 08051, Veterinary Science Helper’s Guide
4H192, Veterinary Science

**VETERINARY SCIENCE YTH LDR**

**SELF-DETERMINED – ANIMAL SCIENCES**

**ART**
What you can do in this project
- Learn art through cutting, pasting and drawing
- Explore sculpting and constructing with fibers
- Paint and print using different materials
- Develop graphic design techniques
- Explore art techniques, culture and history of art

Resources: 23112, Elements and Principles of Design Card
4H472, Palette of Fun Member Sheet & Introduction
Resources: 08140, Advanced Visual Arts: Sketchbook Crossroads
Resources: 08141, Advanced Visual Arts: Portfolio Pathways

**ARTS LDR**
Resource: 07597, Arts & Crafts – A Palette of Fun

**ARTS YTH LDR**
**BASKETRY** - no literature available

**BASKETRY LDR**

**BASKETRY YTH LDR**

_Cake Decorating County Resource Leader:_

**CAKE DECORATING**
- Learn cake decorating techniques.

**CAKE DECORATING LDR**

**CAKE DECORATING YTH LDR**

**CERAMICS LDR**

**CERAMICS Member**

**CERAMICS YTH LDR**

**CLOWNING**

What you can do in this project:
- Discover the history of clowning
- Develop your own character
- Design your own makeup, costume and props

Resource: 4H265, _Enter the Clowns_

**CLOWNING LDR**

**CLOWNING YTH LDR**

**COMMUNICATIONS**

What you can do in this project:
- Engage in non-verbal, verbal and written activities
- Strengthen your personal communication skills
- Encrypt codes, write songs and give directions

Resource: 08156, _Picking Up the Pieces_
- Learn to become a confident communicator
- Present oral reasons, plan and present speeches
- Practice making good first impressions

Resource: 08157, _Putting It Together_
- Polish your communication skills
- Develop a public presence by speaking in public
- Explore communication careers
- Write resumes and interview for a job
- Develop presentations

Resource: 08158, _The Perfect Fit_

**COMMUNICATIONS LDR**

**COMMUNICATIONS YTH LDR**

**COMPUTERS**

What you can do in this project:
- Learn about hardware, software and various applications
- Explore how they work, what are the components
- Learn the various programs and their features
- Participation is supported by an interactive website

Resource: 08346, _Newbie Know How_
- Build and repair a computer
- Identify the components and how they work together
- Learn to upgrade and create connections

**COMPUTERS LDR**

**COMPUTERS YTH LDR**

**CREATIVE/CROSS STITCHERY**

Counted cross-stitch, embroidery & plastic canvas techniques. *No literature is available.*

**CREATIVE/CROSS STITCHERY LDR**

**CREATIVE/CROSS STITCHERY YTH LDR**

**CREATIVE WRITING**

Resources: COMM01, _Creative Woodworking_
COMM03, _Crazy About Books Reading Circle_

**CREATIVE WRITING LDR**

**CREATIVE WRITING YTH LDR**

**DEMONSTRATIONS**

Resource: 4H309, _Let's Demonstrate!_

**DEMONSTRATIONS LDR**

**DEMONSTRATIONS YTH LDR**

**DRAWING & PAINTING**

What you can do in this project:
- Learn to draw with pencil, chalk, crayon, etc.
- Learn to blend and shade
- Make surface rubbings
- Paint with watercolor
- Paint with oil and acrylics
- Mix colors, mat and frame your artwork

Resource: 08347, _Inside the Box_
- Discover how to create and manage networks
- Make decisions about network management
- Explore security issues and troubleshooting

Resource: 08348, _Peer to Peer Reaching Beyond_

**DRAWING & PAINTING LDR**

**DRAWING & PAINTING YTH LDR**

**FOLK ARTS**

What you can do in this project:
- Explore traditional folk arts
- Learn more from your family and community
- Learn storytelling, egg decorating, basket making

**FOLK ARTS LDR**

**FOLK ARTS YTH LDR**

**LATINO CULTURAL ARTS**

What you can do in this project:
- Understand the rich Latino culture by exploring traditional art
- Make Latino instruments, jewelry, weavings, murals, etc.
- Celebrate Latino holidays, sample foods and tell stories

**LATINO CULTURAL ARTS LDR**

**LATINO CUTURAL ARTS YTH LDR**
Leathercraft County Resource Leaders:
Bonnie Borden 920-625-2116

LEATHERCRAFT
What you can do in this project:
- Learn about the characteristics and uses of leather
- Use tools and equipment
- Make patterns and original designs
- Explore various leathercraft techniques

Resource: 4H149, Adventures in Leathercraft Members Guide

LEATHERCRAFT LDR
Resource: CIR006, Adventures in Leathercraft Leaders Guide

LEATHERCRAFT YTH LDR

MUSIC
What you can do in this project:
- Gain a greater appreciation for music
- Explore different ways to participate
- Listen, perform and compose various types of music
- Teach others and make instruments

Resource: 4H620MP, Youth and 4-H Music Project Guide

MUSIC LDR
Resource: 4H351, Sing Along Songbook

MUSIC YTH LDR

PHOTOGRAPHY
What you can do in this project:
- Explore the camera and learn to use it properly
- Learn the basics of lighting and composition
- Learn the use of different light sources
- Shoot photos that tell a story

Resource: PC1, Focus on Photography
- Learn about camera adjustments
- Learn about film speed, shutter speed and aperture
- Take silhouettes, candids, action shots and others

Resource: PC2, Controlling the Image
- Learn about wide-angle and telephoto lenses
- Explore the use of light meters and studio lighting
- Experiment with special effect photos
- Take still life photos and portraits

Resource: PC3, Mastering Photography

PHOTOGRAPHY LDR
PHOTOGRAPHY YTH LDR

Rubberstamping County Resource Leaders:
Vicki Marshall 920-261-5337

RUBBER STAMPING
- No literature available

RUBBER STAMPING LDR
RUBBER STAMPING YTH LDR

Scrapbooking County Resource Leaders:
Vicki Marshall 920-261-5337

SCRAPBOOKING
Resource: NDSU Extension Service FG108

SCRAPBOOKING LDR
SCRAPBOOKING YTH LDR

SPEAKING
What you can do in this project:
- Plan, practice and present an effective speech
- Gain confidence in public speaking
- Plan, practice and present an effective demonstration

Resources: COMM02, 4-H Public Speakers Handbook
COMM06, 4-H Public Speaking Opportunities

SPEAKING LDR
SPEAKING YTH LDR

STENCIL PAINTING
Make original stencil designs, color experiments on cloth & paper, choosing/using/making tools.

STENCIL PAINTING LDR
STENCIL PAINTING YTH LDR

THEATRE ARTS
What you can do in this project:
- Study acting from sound, movement, voice and speech
- Learn different ways to play a scene
- Try pantomime, clowning and improvisation

Resource: 08070, Play the Role
- Become a puppeteer
- Investigate the history of puppets
- Explore types of puppets and puppet characters
- Use puppets in community service work
- Plan and present a puppet show

Resource: 08071, Become a Puppeteer!
- Study costumes, makeup, stage sets, props and sound
- Learn stage management
- Create sounds and disguises
- Make up your own character and bring it to life

Resource: 08072, Set the Stage
THEATRE ARTS LDR
Resource: 08073, Theatre Arts Helper’s Guide
THEATRE ARTS YTH LDR

VIDEOGRAPHY
What you can do in this project:
- Learn storytelling, editing and lighting
- Experiment with camera handling and editing
- Learn to plan a project with the use of sound and titles
- Show and review your production

Resource: IS401, Action! Making Videos & Movies

SELF-DETERMINED COMMUNICATION & CULTURAL ARTS
CHILD DEVELOPMENT
What you can do in this project:
- Find out how you grow and develop
- Learn the development of babies and toddlers
- Learn how to make toys safe for small children
Resource: 08075, On My Own
- Learn how to take care of yourself and others
- See what makes your family special
- Discover how to match toys to ages of children
- Develop family rules, prepare healthy meals
- Check for safety hazards
Resource: 08076, Growing With Others
- Explore how to be an effective parent
- Gain experience as a teacher or coach
- Make babysitting and first aid kits
- Check out child development careers
Resource: 08077, Growing in Communities

CONSUMER SAVVY
What you can do in this project:
- Learn your shopping style
- Use the yellow pages to find goods and services
- Know the difference between wants and needs
- Write a savings and spending plan
- Start a savings account
Resource: 08030, The Consumer in Me

CROCHETING
What you can do in this project:
- Learn to select and purchase yarn, thread and equipment
- Explore crocheting and finishing techniques
- Understand care instructions for crocheted items
Resource: CC1403, Crochet Made Easy

ENTREPRENEURSHIP
What you can do in this project:
- Practice the skills needed to be an entrepreneur
- Explore businesses, products, marketing and pricing
- Create a business plan and start your own business
Resource: 08035, Entrepreneurship: Be the E
FOODS & NUTRITION 2
What you can do in this project:
- Fire Safety in the Kitchen
- Understanding nutrition facts and labels
- Cook with different food groups
- Experiment with meal planning
Resource: 01513Y, 4-H Cooking 201

FOODS & NUTRITION 3
What you can do in this project:
- Outdoor cooking and party planning
- Slow cooker meals
- Introduction to Grains and Yeast Breads
- Experiment with cheese
- Introduction to cakes and desserts
Resource: 01514Y, 4-H Cooking 301

FOODS & NUTRITION 4
What you can do in this project:
- Develop advanced food preparation skills
- Learn dry-heat and moist-heat cooking methods
- Experiment with spices and herbs
- Planning and hosting community meals
Resource: 01515Y, 4-H Cooking 401

FOODS & NUTRITION LDR
Resource: 01516F, 4-H Cooking Helper's Guide

FOODS & NUTRITION YTH LDR

Foods Preservation County Resource Leader:
Lynn Ireland 920-925-3773

FOODS PRESERVATION
What you can do in this project:
- Learn the basics of preserving food safely
- Use UW-Extension Safe Food Preservation Series
Literature can be purchased or printed online at: https://learningstore.extension.wisc.edu/. This beginning project introduces youth to the basics of preserving fruits, vegetables, and meats safely. Select publications from the UW-Extension Safe Food Preservation Series for the foods that you want to preserve.

FOODS PRESERVATION LDR

FOODS PRESERVATION YTH LDR

HEALTH
What you can do in this project:
- Practice first aid skills to treat basic injuries
- Learn how to respond to someone who is choking
- Assemble a first aid kit
Resource: 08174, First Aid in Action
- Identify your personal talent areas in health care
- Explore hygiene, nutrition and physical activities
- Share what you learn with others
Resource: 08175, Staying Healthy
- Design your own fitness plan
- Track your plan and review your progress
- Interview individuals in the health and fitness fields
Resource: 08176, Keeping Fit

HEALTH YTH LDR

HOME ENVIRONMENT
What you can do in this project:
- Learn about home care
- Learn to sand and finish a simple wood item
- Make small home decorative items for the home
- Explore the world of home interior design
Resource: 4H25, Exploring Your Home

- Become more involved with activities around the home
- Learn to handle home tasks and entertain guests
- Refinish wood furnishings and make other home items
Resource: 4H26, Living With Others

- Learn the principles of home design
- Learn scale, balance and proportion in home design
- Use the principles of design to arrange your home
- Create storage centers, restore furniture
- Create a welcoming environment outside your home
Resource: 4H27, Where I Live

HOME ENVIRONMENT LDR
HOME ENVIRONMENT YTH LDR

INTERGENERATIONAL PROGRAMS
What you can do in this project:
- Learn to understand older people better
- Let them share their stories and experiences
- Explore what happens as you grow older
Resource: NCR591, Walk in My Shoes Member Guide

INTERGENERATIONAL PROGRAMS LDR
Resource: NCR548, Walk in My Shoes Leaders Guide

INTERGENERATIONAL YTH LDR

KNITTING
What you can do in this project:
- Discover what to consider when buying yarn or tools
- Learn knitting and finishing techniques
- Correct knitting errors
- Learn how to care for your knitted items
Resource: CC1402, Knitting Made Easy

KNITTING LDR
KNITTING YTH LDR

PERSONAL FINANCE
What you can do in this project:
- Learn money management skills
- Learn how to live on a budget
Resource: 07710, Money FUNdamentals
- Learn about wants and needs, values and goal setting
- Explore ways to use and save money
- Learn the benefits and drawbacks of credit
- Survey and select financial services
Resource: 07711, Money Moves

PERSONAL FINANCE LDR

PERSONAL FINANCE YTH LDR
QUILTING
Learn basics of quilting. (No literature available)

WORKFORCE READINESS
What you can do in this project:
- Explore what it takes to get your first job
- Discover how to assess job possibilities in the community
- Create job scenarios
- Recognize your learning styles and personal qualities

Resource: 08191, Get in the Act! Take 1 (with CD)

WORKFORCE READINESS YTH LDR
Resource: 08192, Get in the Act! Take 1 Helper’s Guide

AEROSPACE
What you can do in this project:
- Build straw and paper rockets
- Learn to read a map, identify types of aircraft
- Discover how weather affects flying
- Build and fly a kite, make a hot-air balloon model

Resource: 06843, Lift Off
- Build, exhibit, and launch model rockets
- Test a paper hang glider
- Make a flight simulator, demonstrate why rockets fly
- Organize a kite-flying contest

Resource: 06844, Reaching New Heights
- Design and build rockets and box kites
- Build an altitude tracker, plan a flight route
- Discover the affects of gravity
- Explore life in space and aerospace careers

Resource: 06845, Pilot in Command

AEROSPACE LDR
Resource: 06846, Aerospace Helper’s Guide

ELECTRICITY
What you can do in this project:
- Understand how to use electricity
- Identify electrical materials, build a flashlight
- Build and test a switch, wire a simple circuit
- Build and test a compass, build an electric motor

Resource: 06848, Magic of Electricity

ELECTRICITY 2
What you can do in this project:
- Work with electrical equipment
- Learn to read circuit diagrams
- Build a circuit and measure voltages
- Communicate in Morse code

Resource: 06849, Investigating Electricity

ELECTRICITY 3
What can I do in this project:
- Develop a basic electrical tool and supply kit
- Understand the symbols on wires and cables
- Replace a wall switch, locate your home wiring system

Resource: 06850, Wired for Power

ELECTRICITY 4
What you can do in this project:
- Identify electrical and electronic parts and devices
- Learn how to solder and prepare parts for assembly
- Assemble a circuit using a transistor

Resource: 06851, Entering Electronics

ELECTRICITY LDR

ELECTRICITY YTH LDR

GEOSPATIAL
What you can do in this project:
- Discover ways of thinking about geographic positions
- Learn about navigational tools: GIS, GPS, compasses
- Learn to measure distances

Resource: CD8458, Exploring Spaces, Going Places CD
- (“Getting Out” section)
- Learn how to collect data
- Combine data with geographical positions
- Make maps of home, neighborhoods and community

Resource: CD8358, Exploring Spaces, Going Places CD
- (“On the Trail” section)
- Use multi-layered maps to attempt to solve problems
- Find ways to reduce traffic congestion
- Pinpoint pollution sources
- Discover ways of boosting tourism through mapping

Resource: CD8358, Exploring Spaces, Going Places CD
- (“Reaching Your Destination” section)

LEGOS
- No literature

LEGOS LDR

LEGOS YTH LDR
SCALE MODELS COUNTY RESOURCE LEADERS:
Diane Neff 920-887-8355

SCALE MODELS
What you can do in this project:
- Assemble and create scale models of trains, cars, etc.
- Learn how to obtain materials you need in construction
- Learn to display your model and judge it
Resource: 4H424, Guidelines for Building Scale Models

SCALE MODELS LDR
SCALE MODELS YTH LDR

SMALL ENGINES 1
What you can do in this project:
- Learn the basics of small engines
- Explore external engine parts and tools
- Identify the uses of small engines and safety issues
Resource: 08186, Crank It Up!

SMALL ENGINES 2
What you can do in this project:
- Explore the internal parts of engines
- Learn engine sizes, safety issues
- Explore different jobs related to small engines
Resource: 08187, Warm It Up!

SMALL ENGINES 3
What you can do in this project:
- Tear down and rebuild an engine
- Learn to use diagnostic tools
- Research rules and regulations in using small engines
Resource: 08188, Tune It Up!

SMALL ENGINES LDR
Resource: 08189, Small Engines Helper’s Guide

SMALL ENGINES YTH LDR

WOODWORKING 1
What you can do in this project:
- Learn safety practices when working with wood and tools
- Use various hand tools: hammer, handsaw
- Identify types of nails and wood
- Sand and paint a piece of wood
Resource: 08675, Measuring Up

WOODWORKING 2
What you can do in this project:
- Identify functions of various tools
- Practice safety techniques
- Select a project to build (birdhouse, foot stool)
- Use a screwdriver and combination square
Resource: 06876, Making the Cut

WOODWORKING 3
What you can do in this project:
- Compare different types of hinges
- Enlarge scale-drawn woodworking plans
- Use a hand plane, build a laminated cutting board
- Compare different grades of plywood
Resource: 06877, Nailing It Together

WOODWORKING 4
What you can do in this project:
- Use a table saw, router, powered circular saw and sander
- Learn to make more difficult joints
- Evaluate exotic and veneer woods
- Create inlays and overlays, test various adhesives
Resource: 06878, Finishing Up

WOODWORKING LDR
Resource: 06879, Woodworking Helper’s Guide

WOODWORKING YTH LDR

TRACTORS
What you can do in this project:
- Learn and identify parts of the tractor, tractor maintenance
- Learn about different fuels and engine cooling systems
- Research different safety features and learn safety rules
Resource: 4H961, Starting Up: Getting to Know Your Tractor
- Practice farm and tractor safety
- Understand the mechanics of engines
- Identify accessory equipment
- Learn the functions of different operational systems
Resource: 4H962, Tractor Operations: Gearing Up for Safety
- Learn types of oil systems and fuel safety
- Learn how to hook on a PTO unit
- Learn tractor and machinery maintenance
Resource: 4H963, Moving Out: Learning About Your Tractor & Farm Machinery
- Focus on safety and maintenance
- Identify and work with operational systems
Resource: 4H964, Learning More: Learning About Agricultural Tractors & Equipment

TRACTORS LDR
TRACTORS YTH LDR

SELF-DETERMINED MECHANICAL SCIENCE

NATURAL RESOURCES, SHOOTING SPORTS, & ENVIRONMENTAL EDUCATION

ADVENTURES
What you can do in this project:
- Learn how to camp safely in all weather conditions
- Investigate camping equipment and clothing
- Build a campfire and cook a meal
- Practice tying knots and first aid
- Learn to use a map and compass
Resource: 4H444, Introduction to Adventures

ADVENTURES LDR
Resource: 4H443, 4-H Adventure Project

ADVENTURES YTH LDR
What you can do in this project:
- Learn the fundamentals of archery marksmanship
- Learn rules and safety guidelines
- Make archery equipment
- Shoot with sights and different bows

Resource: 751, Archer Member Record Book

Training to receive the Archery Guide and WI Shooting Sports Basic 4-H Guidelines. For more information see WI 4-H Shooting Sports website

Resource: 08043, Hiking Trails
- Plan a camping trip, select equipment including shelter
- Plan a camping trip menu and prepare supplies
- Practice “Leave No Trace” principles while hiking
- Study various organism habitats

Resource: 08044, Camping Adventures
- Select group backpacking gear including a tent
- Design a non-tent backpacking shelter
- Develop a personal conditioning program
- Learn to orient a map and use triangulation

Resource: 08045, Backpacking Expeditions

What you can do in this project:
- Plan a day hike, select items, plan the food
- Learn to organize and pack a backpack
- Select appropriate clothing, prepare a first aid kit
- Learn to use a compass, prepare for dangerous weather

Resource: 08046, Hiking Trails

What you can do in this project:
- Plan a bicycle camping trip
- Learn how and where to bicycle safely
- Design and build a bicycle obstacle course
- Conduct a bike maintenance check

Resource: 4H446 Bicycling

Learn what climate has to do with the way we live
Begin to understand biodiversity
Explore the world of biotechnology
Reconnect to the environment through plants and animals
Learn how the environment is affected by pollution

Resource: 08411, Earth’s Capacity
- Explore wildlife habitats and tracking
- Learn about groundwater
- Research pollination and how it works

Resource: 08411, Earth’s Capacity
- Explore the environment
- Connect to the environment through plants and animals
- Learn how the environment is affected by pollution

Resource: 08410, Ecosystems Services
- Plan a canoe camping trip, canoe a river
- Learn how and where to canoe safely
- Select and care for equipment
- Explore aquatic environments

Resource: 4H447 Canoeing

Learn to orient a map and use triangulation
Connect to the environment through plants and animals
Use your senses to explore the environment
Learn about groundwater

Resource: 08411, Earth’s Capacity
- Plan a canoe camping trip, canoe a river
- Learn how and where to canoe safely
- Select and care for equipment
- Explore aquatic environments

Resource: 4H447 Canoeing

Learn about insects, their behavior and life history
Discover the parts of an insect’s body
Collect and compare insects
Explore ways they communicate and move

Resource: 06853, Creepy Crawlies
- Build an insect extractor
- Learn how an insect protects itself
- Explore their habitats, create an insect display
- Investigate entomology careers

Resource: 06854, What’s Buggin’ You?
- Collect and compare insects
- Discover the parts of an insect’s body
- Learn about insects, their behavior and life history

Resource: 06855, Dragons, Houses, and Other Flies
- Learn about insects, their behavior and life history
- Collect and compare insects
- Discover the parts of an insect’s body

Resource: 06856, Entomology Group Helper’s Guide
- Learn how insects protect themselves
- Explore their habitats, create an insect display
- Investigate entomology careers

Resource: 08393, Project Butterfly Wings Youth Guide
- Make an insect identification key
- Record and collect aquatic insects
- Explore various gardens and habitats

Resource: 08393, Project Butterfly Wings Facilitator Guide
- Learn to orient a map and use triangulation
- Learn how to use a compass, prepare for dangerous weather
- Plan a day hike, select items, plan the food
- Learn to organize and pack a backpack
- Select appropriate clothing, prepare a first aid kit
- Learn to use a compass, prepare for dangerous weather

Resource: 08043, Hiking Trails
- Plan a camping trip, select equipment including shelter
- Plan a camping trip menu and prepare supplies
- Practice “Leave No Trace” principles while hiking
- Study various organism habitats

Resource: 08044, Camping Adventures
- Select group backpacking gear including a tent
- Design a non-tent backpacking shelter
- Develop a personal conditioning program
- Learn to orient a map and use triangulation

Resource: 08045, Backpacking Expeditions

What you can do in this project:
- Plan a canoe camping trip, canoe a river
- Learn how and where to canoe safely
- Select and care for equipment
- Explore aquatic environments

Resource: 4H447 Canoeing

Learn to orient a map and use triangulation
Connect to the environment through plants and animals
Use your senses to explore the environment
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Resource: 08411, Earth’s Capacity
- Plan a canoe camping trip, canoe a river
- Learn how and where to canoe safely
- Select and care for equipment
- Explore aquatic environments

Resource: 4H447 Canoeing

Learn how and where to canoe safely
Select and care for equipment
Explore aquatic environments
Plan a canoe camping trip, canoe a river

Resource: 4H447 Canoeing
EXPLORING YOUR ENVIRONMENT YTH LDR

**FISHING**

What you can do in this project:
- Identify types of tackle
- Organize a tackle box
- Identify different types of bait and fish in your area
- Learn to take proper care of your catch

Resource: 07598, Take the Bait
- Find fishing information on the Internet
- Cast a spinning rod and reel
- Learn to tie fishing knots
- Select a recipe and cook a fish
- Collect and analyze aquatic life

Resource: 07599, Reel in the Fun
- Learn to reassemble a fishing reel
- Make artificial flies and lures
- Modify fishing equipment
- Investigate sport fishing careers

Resource: 07600, Cast into the Future
- Recognize different tree fruits
- Create a community forest map
- Identify forest biomes by continent
- Identify an unknown tree using a tree key

Resource: 07601, Fishing Adventures – Helper’s Guide

**FORESTRY**

What you can do in this project:
- Identify forest types, forest products and trees
- Age trees by counting rings
- Understand forest competition, find a state forest
- Describe how leaves affect rainfall

Resource: 08038, Follow the Path
- Learn how trees move water from soil to canopy
- Diagram a leaf, analyze fire risk
- Understand major forest changes and their impact
- Select urban tree planting sites

Resource: 08039, Reach for the Canopy
- Recognize different tree fruits
- Create a community forest map
- Identify forest biomes by continent
- Identify an unknown tree using a tree key

Resource: 08040, Explore the Deep Woods

**HUNTING**

What you can do in this project:
- Learn the history, philosophy and laws of hunting
- Learn to plan and equip yourself for a hunt

**MUZZLELOADING**

What you can do in this project:
- Explore muzzleloading history
- Study different muzzleloading guns and accessories
- Learn how to clean a muzzleloader
- Learn safety issues

Ages: Only 12 years old and above can shoot powder burning guns.

Resource: Each Muzzleloading Leader should attend a Certification Training to receive the Muzzleloading Guide and WI Shooting Sports Basic 4-H Guidelines. For more information see [WI 4-H Shooting Sports website](https://www.wi4h.com).

**RECYCLING**

What you can do in this project:
- Learn about the impact of solid waste on the environment
- Learn to reduce, reuse and recycle

Resource: 4H362, Recycling for Reuse

**PISTOL (smallbore .22)**

What you can do in this project:
- Explore the history of different types of pistols
- Learn basic safety rules and range commands
- Develop marksmanship and shooting procedures

Ages: Only 12 years old and above can shoot powder burning guns.

Resource: 753, Pistol Member Record Book

**RIFLE**

What you can do in this project:
- 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

Ages: Only 12 years old and above can shoot powder burning guns.

Resource: 750, Rifle Member Record Book

**MAPLE SYRUP**

No literature
Shotgun County Resource Leader:
Courtney Meyer 920-540-1427

SHOTGUN
What you can do in this project:
• Learn the basic safety issues with shotgun handling
• Learn shooting fundamentals
• Learn the proper way to carry a shotgun
Ages: Only 12 years old and above can shoot powder burning guns.

Resource: 752, Shotgun Member Record Book

SHOTGUN LDR
Resource: Each Shotgun Leader should attend a Certification Training to receive the Shotgun Guide and WI Shooting Sports Basic 4-H Guidelines. For more information see WI 4-H Shooting Sports website.

SHOTGUN YTH LDR

WATER
What you can do in this project:
• Identify water conservation and pollution issues
• Locate issues in your home, community or school
• Select an issue to focus on
• Develop and implement a plan

Resource: 4H855, Give Water A Hand – Action Guide

WATER LDR
Resource: 4H850, Give Water A Hand – Leader Guide

WATER YTH LDR

WILDFLOWERS
What you can do in this project:
• Learn about wildflowers in your neighborhood
• Learn to identify wildflowers and how to collect them
• Discover how humans affect wildflowers

Resource: 4H392, Wildflowers

WILDFLOWERS LDR

WILDFLOWERS YTH LDR

CROPS - ie. CORN
What you can do in this project:
• Learn about variety selection, germination and planting
• Learn about nutrients, harvesting and storage
• Explore uses and marketing strategies for corn

Resources: 4H355, 4-H Corn Project Manual
4H440, Marketing Your 4-H Crops
4H441, Is Direct Marketing for My Project?

CROPS – ie. FORAGE
What you can do in this project:
• Establish and manage a forage crop
• Scout fields for pests, diseases and nutrition shortages
• Take an accurate forage sample
• Study growing techniques

Resources: 4H349, Pest Scouting Alfalfa

CROPS – ie. SMALL GRAINS
What you can do in this project:
• Explore types of grasses including wheat, oats, barley
• Learn about growing conditions and nutrients
• Practice integrated pest management
• Compare production costs and marketing

Resources: 4H356, 4-H Small Grains Manual

CROPS LDR

CROPS YTH LDR

FLOWERS
What you can do in this project:
• Identify flower parts and their functions
• Plant flowers and make flower arrangements
• Give a presentation on flowers
• Prepare a flower exhibit

Resources: 4H1301A, Forcing Spring Flowering Bulbs
A2935, Evaluating & Judging Flowers & Indoor Plants

FLOWERS LDR

FLOWERS YTH LDR

Winter Travel
What you can do in this project:
• Discover winter travel on cross-country skis and snowshoes
• Select and take care of equipment and clothing
• Experience a winter overnight campout
• Discover how trees and plants prepare for winter

Resource: 4H448, Winter Travel

SELF-DETERMINED ENVIRONMENTAL EDUCATION
FRUITS

Specify type of fruit.

What you can do in this project:
- Produce fruits from apples to grapes to pears
- Learn about the different varieties of cultivars
- Select the best fruit cultivar for your home garden
- Decide what fruit you want to learn about

Resources:
- A1597, Growing Strawberries in Wisconsin
- A1610, Growing Raspberries in Wisconsin
- A1656, Growing Grapes in Wisconsin
- A1960, Growing Currants, Gooseberries, and Elderberries in WI
- A2072, Growing Pears in Wisconsin

FRUITS LDR
FRUITS YTH LDR

HOME GROUNDS

What you can do in this project:
- Learn about seeding and lawn care
- Study proper lawn care & maintenance,
- Explore fertilization and pest management

Resource:
- 4H321, 4-H Lawn Care

- Learn the importance of planting new trees and shrubs
- Explore variety selection and appropriate placement
- Learn basic maintenance: pruning and fertilization

Resources:
- A3067, Selecting, Planting & Caring for Shade Trees
- A1730, Evergreens – Planting & Care

- Explore landscape planning
- Make a plan and put it on paper
- Select, place and plant trees and shrubs
- Maintain your home grounds

Resource:
- G1923, Planning & Designing Your Home Landscape

HOME GROUNDS LDR
HOME GROUNDS YTH LDR

Houseplants County Resource Leader:
Mary Welles 920-948-7858

HOUSE PLANTS

What you can do in this project:
- Identify plant parts and their functions
- Grow house plants, start a plant from a cutting
- Make a dish garden,
- Prepare house plants for exhibit
- Learn about plant seeds and soil
- Select and start new plants and grow transplants
- Plant a terrarium
- Examine plants for insects and diseases
- Take a tour of a horticulture business
- Design a plant experiment
- Teach others how to grow house plants
- Compare different fertilizers: organic and chemical

Resources:
- 4H328, Propagating and Growing House Plants

HOUSE PLANTS LDR
Resource: BU7156, 4-H Horticulture Helper’s Guide
- 07166 Gardening: A Helper’s Guide

HOUSE PLANTS YTH LDR

PLANT CRAFTS

What you can do in this project:
- Learn to harvest plants
- Use different drying techniques
- Learn how to use plant materials
- Learn how to make dried arrangements, corsages, etc.

Resources:
- 4H330, Plant Crafts

PLANT CRAFTS LDR
PLANT CRAFTS YTH LDR

VEGETABLES

What you can do in this project:
- Identify plant parts and their functions
- Explore germination and start a plant from a cutting
- Grow vegetables in containers, plan an outdoor garden
- Prepare a vegetable exhibit for show

Resources:
- 07162 Gardening: See Them Sprout
- 4H395, Organically Grown – Handbook
- 4H409, Nature’s Herbs
- A3306, Exhibiting & Judging Vegetables
- Learn about plant needs and soil testing
- Start new plants, grow transplants, explore hydroponics
- Build a compost pile, use mulches

Resource:
- 07162, Gardening: Let’s Get Growing
- Grow plants in a cold frame
- Make a site analysis and landscape plan
- Compare organic and chemical fertilizers
- Research various insect control methods

Resource:
- 07164, Gardening: Take Your Pick

VEGETABLES LDR
Resource: BU7156, 4-H Horticulture Helper’s Guide
- 07166 Gardening: A Helper’s Guide

VEGETABLES YTH LDR

INTERNATIONAL

INTERNATIONAL PROGRAMS

What you can do in this project:
- Explore the world around you with maps
- Track weather in various parts of the world
- Make your family tree by talking with relatives
- Explore where your ancestors came from

Resource:
- 4H812, And My World

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https://4h.extension.wisc.edu/

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