

2019

Waupaca County 4-H Enrollment Guide

Including:

Enrollment Guidelines (page 3)

Instructions for 4HOnline Re-Enrollment (page 4)

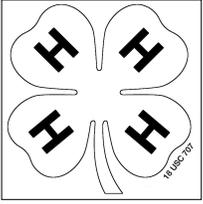
Instructions for 4HOnline New Enrollment (page 5)

Project Listing/Descriptions (page 10)

(Please note the grade levels for eligibility in projects like Cloverbuds, Exploring, beef, horse, and shooting sports.)

Literature Order Form (page 22)





2019 Waupaca County 4-H Enrollment Guide

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

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

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

How to Select 4-H Projects

4-H members . . . First, make a list of the things you like to do or want to learn more about. Talk over your list with your parents, leaders and friends. They may recognize some special things you are good at that you don't even realize you do well.

Then compare your list with the projects described in this guide. Ask yourself if you have the equipment, money and time to do the projects that sound interesting.

It will be helpful to review the project list and descriptions in this guide prior to logging into the computer so you know which projects you are most interested in. When you're ready to sign up for projects and enroll in 4-H you should refer to the directions included in this guide to help you enroll in 4HOnline.

Some projects have more than one level and/or more than one level of literature available.

The levels of literature are generally suggested for grades 3-5 (level 1), 6-8 (level 2), 9 and above (level 3).

If this is your first year in 4-H, it is suggested you concentrate on doing only a few projects well.

4-H leaders . . . (Remember that any adults wishing to enroll as 4-H leaders need to complete a leader orientation and background check. Sessions will be held throughout the year.) When enrolling, be sure you use the "leader" category for each project you sign up for.



4-H Online Enrollment

The State of Wisconsin 4-H Youth Development Program has an online enrollment system called 4HOnline. In order to enroll in Wisconsin 4HOnline, you will need a computer, internet access, a valid e-mail address and a web browser.

GUIDELINES FOR ENROLLMENT

Thank you for choosing to re-enroll or enroll for the first time in Waupaca County 4-H. We are looking forward to another great year! You will need to go to 4HOnline (see enclosed directions) to enroll in 4-H and use the last page of this booklet to order any literature you may want. If you have any questions you can ask your club Organizational Leader or call the UW-Extension office at (715) 258-6230.

1. **Check Information:** If reenrolling, please check all information on your online family profile and individual records. If information is incorrect, or incomplete, please correct it for the new year.
2. **Reenrollment Deadline:** (See page 4 for directions to reenroll in 4-H online.) The deadline for reenrollment is November 15 (*earlier deadline set by clubs*). Reenrollments entered after November 15 will not be eligible to show in the current Junior Waupaca County Fair. In Waupaca County projects cannot be added or changed after the reenrollment deadline. A **reenrollment** is a youth enrolling who was a member any previous year.
3. **New Member Enrollment Deadline:** New members may join 4-H at any time; however, February 1 is the last date new members may enroll and still be eligible to exhibit at the Junior Fair. A **new enrollment** is a youth who is enrolling not having been a member any previous year.
4. **County member dues of \$6.00 and the Leader assessment fee of \$2.00** are due to your club organizational leader at the time of enrollment. Enrollments in 4-H online may not be approved until dues are paid to your club.
5. **Cloverbuds:** Youth in Kindergarten, 1st and 2nd grade enroll in 4-H as Cloverbuds. Cloverbud activities (including fair exhibits) are non-competitive. For safety reasons, cloverbuds may not work with an animal as part of their project work.
6. **3rd graders:** Need to enroll in the project called Exploring and can take one additional project – this can be an animal, **not** horse or beef. 3rd graders cannot sell in the large and small market animal sale. (*updated policy approved July 28, 2009*)
7. **4th graders:** 1st year members need to enroll in the Exploring project and can take 2 additional projects (could be two animals) (*updated policy approved July 28th, 2009*). Reenrolling 4th grade members can take any projects for which their grade allows.
8. **Number of projects:** It is suggested that 2nd year project members take no more than 3 projects, 3rd year project members take no more than 4 projects, 4th year project members take no more than 5 projects, 5th year project members take no more than 6 projects.
9. **Graduation:** The policy for 4-H graduation is that members may choose to graduate from 4-H the same year you graduate from high school or you may stay in 4-H one full year following high school graduation (no matter what your age).
10. **Literature orders:** The last page of this book is a literature order form. The ***literature names and codes*** are listed after each project description. Families can order their own literature, but do not have to. If you are ordering literature, fill out the order form and mail it, with payment, to Jenny Heise by **November 30**. The following motion regarding club literature orders was passed by the 4-H Leaders' Board, "that clubs be allowed to order 1 copy of all new or revised literature each year at no charge. Also, in the event clubs do not already have the literature in their library, clubs would be allowed to order said literature at no charge." The intention is that clubs be able to keep one copy of literature in a current club library for members and leaders to utilize.

NOTE: When selecting projects in the 4HOnline enrollment program, you will not automatically receive the corresponding literature. Literature must be ordered using the last page of this guide for clubs and/or families.

Publications can be found at: <http://fyi.uwex.edu/wi4hprojects/>
Some of the publications are available free of charge at: <http://learningstore.uwex.edu/> then click on
"View PDF"
or www.4-H.org/resource-library/curriculum/a-to-z-product-listing/

Re-enrollment for 2018-2019 can begin on September 15th.

<http://wi.4honline.com>

4HONLINE

Re-Enroll Members/Leaders

When re-enrolling, be sure to continue through all screens and double check that the projects you want to be enrolled in for the coming project year are correct.

Created: July 15, 2014;

Updated: September 3, 2014 - added Enroll as Youth/Adult choice; added post 12th grade.

OVERVIEW

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

GETTING STARTED

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 2018-2019**.

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 where 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.

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 projects. 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**.

University of Wisconsin, U.S. Department of Agriculture and Wisconsin counties cooperating. UW-Extension provides equal opportunities in employment and programming including Title IX and ADA.

Enrolling in 4HOnline as a NEW family

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

Your [county Extension office](#) staff can help you find a club, get the forms you need, and begin the enrollment process in 4HOnline.

To enroll in Wisconsin 4HOnline, you need a computer, internet access, a valid e-mail address and a web browser.

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"



The screenshot shows the enrollment form with the following elements:

- Three radio buttons for profile status: "I have a profile", "I need to setup a profile" (selected), and "I forgot my password".
- A checkbox for "Are you in a Military 4-H Club:" which is unchecked.
- A dropdown menu for "County:" with the text "Select your county ...".
- Text input fields for "Email:", "Confirm Email:", and "Last Name:".
- Text input fields for "Password:" and "Confirm Password:". A green note next to the password field reads "Min. of 8 characters, at least 1 non-alpha".
- A dropdown menu for "Role:" with "Family" selected.
- A blue "Create Login" button at the bottom.

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".
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.

Family Information

Profile Information

Email joe@gmail.com

Last Name

Mailing Address

City

State

Zip Code 12345

Primary Phone 555-555-1234

Correspondence Preference

4-H County

Update member records with the same address

Password Management

Current Password:

New Password:

Confirm New Password:

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".

Smith Family [Edit Family](#)

123 Washington Ave.

Madison, WI 53715

sally.smith@nomail.com

Support Staff County [\[contact info\]](#)

Add A New Family Member

select a member type... ▼

select a member type...

Adult

Youth

Note: The event registration section on this page is not available for use at this time.

YOU CAN NOT REGISTER FOR AN EVENT UNTIL YOUR ENROLLMENT HAS BEEN ACCEPTED AND YOUR STATUS IS SET TO ACTIVE
If your enrollment status is 'Inactive' or 'Incomplete', click the 'Edit' button to review and submit your record for approval

Member/Volunteer List

Name	Role	Membership ID	Enrollment Status	Last Active Year	Edit
<p style="margin: 0; font-size: small;">Register A Member In An Event - Only Members with an 'Active' Enrollment Status May Register</p> <p style="margin: 0;">Member: <input type="text" value="select a member..."/></p> <p style="margin: 0;">Event: <input type="text"/></p>					

2

2019 Waupaca County 4-H Enrollment Guide

- 6 -

Youth Personal Information Page

Fill in all information for this member correctly and completely.

1. If he/she has a different e-mail address than the family one entered at login, enter it in the top box.
2. Enter his/her 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, junior leader 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.

Youth Personal Information

Please note:
 Information on this page should be as specific to the individual as possible and where applicable (including email address and cell phone number). Otherwise, the parent’s information is requested.
 For assistance with 4HOnline or the enrollment process, please contact your local extension staff: www.uwex.edu/ces/cty

Profile Information

Email

First Name

Middle Name

Last Name

Preferred Name

Mailing Address

City

State

Zip Code

Birth Date

Gender

Primary Phone

Correspondence Preference

Cell Phone

I wish to receive notices via text message

Years in 4-H #

Parent 1 First Name

Parent 1 Last Name

Trusted sites | Protec

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.

Additional Information Page

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 your county 4-H Youth Development Educator. A link to their contact information can be found at www.uwex.edu/ces/cty.

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.

Additional Information

I UNDERSTAND THAT I AM BEING ASKED TO READ EACH OF THE FOLLOWING PARAGRAPHS CAREFULLY. I UNDERSTAND THAT IF I WISH TO DISCUSS ANY OF THE TERMS CONTAINED IN THIS AGREEMENT, I MAY CONTACT MY ENROLLED COUNTY'S 4-H YOUTH DEVELOPMENT EDUCATOR OF THE UW-EXTENSION. CONTACT INFORMATION CAN BE FOUND ONLINE AT www.uwex.edu/ces/cty.

IF YOUR SON, DAUGHTER OR WARD WILL BE UNDER 18 WHILE PARTICIPATING IN THE ENROLLED COUNTY 4-H YOUTH DEVELOPMENT PROGRAM AT THE UNIVERSITY OF WISCONSIN-EXTENSION IT IS OUR POLICY TO REQUEST YOUR AGREEMENT TO THE ABOVE TERMS, ON BEHALF OF YOUR MINOR SON, DAUGHTER OR WARD. I UNDERSTAND THAT MY E-SIGNATURE SHALL HAVE THE SAME LEGAL FORCE AND EFFECT AS MY HAND-WRITTEN SIGNATURE ON EACH AGREEMENT BELOW.

THE COUNTY I SELECTED WHILE SETTING UP MY PROFILE IS MY ENROLLED COUNTY.

For assistance with 4HOnline or the enrollment process, please contact your local extension staff. www.uwex.edu/ces/cty

1. Assumption of Risks

I understand that not all risks can be foreseen and there are some risks which are unpredictable. I understand there are certain inherent risks that cannot be eliminated regardless of the care taken to avoid injuries. I am aware of the risks of participation, which include, but are not limited to, the possibility of physical injury, fatigue, blisters, contusions, broken bones, concussion, paralysis, and even death. I understand that the county and university have advised me to seek the advice of my physician before participating in my enrolled county's 4-H Youth Development program. I understand that I have been advised to have health and accident insurance in effect and that no such coverage is provided for me by my enrolled county's UW Extension, 4-H leaders association, or the Board of Regents of the University of Wisconsin System. I know, understand, and appreciate the risks that are inherent in the above-listed programs and activities. I hereby assert that my participation is voluntary and that I knowingly assume all such risks.

I have read, understand, and agree to the above. **REQUIRED**

2. Hold Harmless, Indemnity and Release

In consideration of my participation in these activities, I, for myself, spouse, heirs, personal representatives, estate or assigns, agree to defend, hold harmless, indemnify and release, my enrolled county's UW Extension, 4-H leaders association, the Board of Regents of the University of Wisconsin System and their officers, employees, agents and volunteers who are involved, from and against any and all claims, demands, actions, or causes of action of any sort on account of damage to personal property, or personal injury, or death which may result from my participation in the above-listed program. This release includes claims based on the negligence of my enrolled county's UW Extension, 4-H leaders association, the Board of Regents of the University of Wisconsin System and their officers, employees, agents and volunteers, but expressly does not include claims based on their intentional misconduct or gross negligence. I understand that by agreeing to this clause I am releasing claims and giving up substantial rights, including my right to sue.

Trusted sites | Protect

Clubs **Projects** Groups

IMPORTANT!! - please read this BEFORE deleting a Club:

When deleting a club, all Project enrollments associated with that Club will also be deleted. If you are unsure of how this will affect you, click on the "Projects" tab and take note of your Projects and which Club they are associated with. If you desire, for example, to switch Clubs, it would be advisable to first add the new Club, then add the desired Projects using the existing enrollment as reference. Once all your desired Projects are in place with the new Club (you'll see your Projects listed twice in the Projects listing) then go and delete the original Club.

For assistance with 4HOnline or the enrollment process, please contact your local extension staff. www.uwex.edu/ces/cty

Select a minimum of 1 club(s) and a maximum of 8 club(s)

Add a Club

Select a Club:

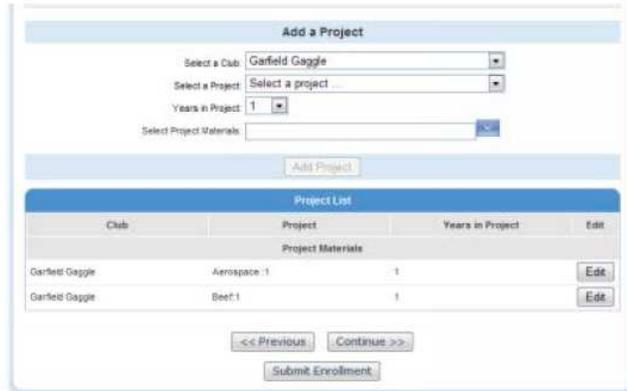
Club List

Primary	Club	Edit
<input checked="" type="checkbox"/>	Garfield Goggle	<input type="button" value="Delete"/>

Trusted sites | Protect

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.



Club	Project	Years in Project	Edit
Garfield Gaggle	Aerospace 1	1	Edit
Garfield Gaggle	Beef 1	1	Edit

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 county UW-Extension office to be approved. 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 online record 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.

Organizational Leader (club general leader)

- _____ 4H23, Say it With Posters\$1.30
- _____ 4H351, Sing Along Songbook\$5.80
- _____ 4H500, I'm a 4-H Project Leader: Now What Do I Do? (New 2001)\$35

Co-Organizational leader (two or more people sharing club general leadership equally)

Assistant Organizational Leader (an assistant helping the organizational leader of the club)

Key Leader (a leader who assists in a particular project or activity at the county level)

Club Activity Leader (leader responsible for 4-H activities)

08172, *Exploring Treasures of 4-H Helper's Guide* (2005) \$10.00
Waupaca County 4-H Exploring Leader Activities Packet \$1.75

EXPLORING YOUTH LEADER

EXPLORING – Grades 3-4

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

Resource: 08171, *Exploring the Treasures of 4-H* (2005) \$5.75
Waupaca County Exploring Folder (provided at no Charge to every Explorer)



YOUTH LEADERSHIP

<http://fyi.uwex.edu/wi4hprojects/community-involvement/>

YOUTH LEADERSHIP LEADER

Resources:

- 07903, *Leadership Mentor Guide for Grades K-5*(2003) \$5.75
- 07904, *Leadership Mentor Guide for Grades 6-12* (2003) \$5.75

YOUTH LEADERSHIP

What you can do in this project (grades 3 and above):

- Assess your leadership skills, strengths, weaknesses
- Set goals and resolve conflict
- Contribute to a group project/event
- Explore how leaders are different
- Practice teamwork
- Build trust in a group
- Write vision and mission statements

Resources:

- 07905, *My Leadership Workbook for Grades 3-5*(2003) \$5.75
- 07906, *My Leadership Journal for Grades 6-8*(2003) \$5.75
- 07907, *My Leadership Portfolio for Grades 9-12* (2003) \$5.75



YOUNGER MEMBERS

<http://fyi.uwex.edu/wi4hprojects/younger-members/>

CLOVERBUDS LEADER

Resource: 05560, *4-H Discovery Program for 6-8 Yr. Olds* \$10.00

CLOVERBUDS YOUTH LEADER

CLOVERBUDS – Kindergarten to grade 2

What you can do in this project:

- Learn about your 4-H club or group
- Begin developing different skills, e.g., working with others
- Explore your community
- Learn about 4-H activities and events
- Begin learning about specific 4-H project areas

Resources: 05561, *Cloverbuds – Activity Sheets* \$10.00

EXPLORING LEADER

Resources:



SERVICE LEARNING & CITIZENSHIP

<http://fyi.uwex.edu/wi4hprojects/community-involvement/>

CITIZENSHIP LEADER

Resource: 08154, *Citizenship Guide's Handbook* (2005) \$5.75

CITIZENSHIP YOUTH LEADER

CITIZENSHIP

What you can do in this project, geared towards grades 4 & up:

- Discover and discuss public issues
- Plan a project to change or improve your community

Resource: 08153, *Citizenship Adventure Kit* (2005) \$7.95

INTERNATIONAL LEADER

INTERNATIONAL

What you can do in this project (grades 3 and above):

- Explore the world around you through maps
- Make your family tree by talking with relatives
- Explore where your ancestors came from

LATINO CULTURAL ARTS LEADER

LATINO CULTURAL ARTS

What you can do in this project (grades 3 and above):

- Understand the Latino culture by exploring traditional art
- Make Latino instruments, jewelry, weavings, murals, etc.
- Celebrate Latino holidays, sample foods and tell stories

Resource:

08180, *QueRico! La Cultura Bilingual Helper's Guide* \$3.99

SERVICE LEARNING LEADER

Resource:

08184, *Service Learning Helper's Guide* (2006) \$5.75

SERVICE LEARNING YOUTH LEADER

SERVICE LEARNING

What you can do in this project, geared towards grades 5 and up

- Learn to give back to your community
- Identify community needs
- Plan and implement your own service project
- Conduct an evaluation of your project

Resources:

- Level 1: 08182, *Agents of Change + CD* (2006) \$5.75
- Level 2: 08183, *Raise Your Voice + CD* (2006) \$5.75



SELF-DETERMINED

SELF-DETERMINED LEADER

SELF-DETERMINED

What you can do in this project for grades 3 and above:

- 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* \$.65



ANIMAL SCIENCES

<http://fyi.uwex.edu/wi4hprojects/animal-sciences/>

BEEF LEADER

Resources: 08146, *Beef Helper's Guide* (2005) \$5.75
117R, *Beef Resource Handbook* (2003) \$18.50

BEEF YOUTH LEADER

BEEF

What you can do in this project (grades 4 and above):

- Identify various beef breeds and parts of an animal
- Halter-break and show a calf
- Learn about feed ingredients, behavior and parasites
- Learn beef carcass composition and retail meat cuts
- Learn about careers, health, reproduction, etc.
- Discover how to market your animal and by-products

Resources:

Level 1: 08143, *Bite Into Beef* (2005) \$5.75
4H450, *Judging Breeding & Market Cattle* \$.85

Level 2: 08144, *Here's the Beef* (2005) \$5.75

Level 3: 08145, *Leading the Charge* (2005) \$5.75

CATS LEADER

Resource: 08151, *Cat Helper's Guide* (2005) \$5.75

CATS YOUTH LEADER

CATS

What you can do in this project (grades 3 and up):

- Identify cat breeds and select a cat
- Name the parts of a cat
- Handle and groom a cat
- Learn about feeding and emergency care
- Detect signs of illness and health issues
- Learn showmanship and cat behavior
- Explore community laws and animal welfare

Resources:

Level 1: 08148, *Purr-fect Pals* (2005) \$5.75

Level 2: 08149, *Climbing Up!* (2005) \$5.75

Level 3: 08150, *Leaping Forward* (2005) \$5.75

DAIRY LEADER

Resource: 08164, *Dairy Helper's Guide* (2005) \$5.75

DAIRY YOUTH LEADER

DAIRY

What you can do in this project (grades 3 and above):

- Study and identify parts of the dairy cow and breeds

- Learn how to select quality dairy calves
- Assemble tools needed for packing a show box
- Learn about housing and hay quality
- Learn about milking and food safety
- Explore ways to keep an animal healthy
- Practice pregnancy detection and delivery of a calf
- Explore various dairy industry careers

Resources: Level 1: 08161, *Cowabunga* (2005) \$5.75
CANADA1, *Showmanship...Leading to Win* (2003) \$4.50

Level 2: 08162, *Mooving Ahead* (2005) \$5.75

CANADA2, *Preparing to Lead* (2003) \$4.50

Level 3: 08163, *Rising to the Top* (2005) \$5.75

DOGS LEADER

Resources: 08169, *Dog Helper's Guide* (2005) \$5.75
4H458, *4-H Dog Judging Guidelines* (2000) FREE

DOGS YOUTH LEADER

The dog literature marked '**free**' can be found at

<http://fyi.uwex.edu/wi4hprojects/animal-sciences/dogs/>

DOGS

What you can do in this project (grades 3 and up):

- 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
- Learn showmanship and training techniques
- Learn about show-ring ethics
- Investigate responsible breeding
- Explore careers related to dogs

Resources:

Level 1: 08166, *Wiggles and Wags* (2005) \$5.75

4H436, *The Basics of Training Your Dog* (2000) FREE

Level 2: 08167, *Canine Connection* (2005) \$5.75

4H439, *Dog Obedience – Novice & Beyond* FREE

Level 3: 08168, *Leading the Pack* (2005) \$5.75

4H437, *A Guide to Showmanship* \$1.05

DAIRY GOAT LEADER

Resource: 08355, *Dairy Goat Helper's Guide* \$5.75

DAIRY GOAT YOUTH LEADER

DAIRY GOAT

What you can do in this project (grades 3 and up):

- Select, manage, fit and show goats
- Learn responsible goat ownership
- Learn to keep your goat healthy
- Feed your goat for maximum production
- Prepare for kidding
- Learn about genetics, diseases and breeding
- Understand bio-security and prevention measures

Resources:

Level 1: 08352, *Getting Your Goat* (2006) \$5.75

Level 2: 08353, *Stepping Out* (2006) \$5.75

Level 3: 08354, *Showing the Way* (2006) \$5.75

MEAT GOAT LEADER

Resource: 07912, *Meat Goat Helper's Guide* (2006) \$5.75

MEAT GOAT YOUTH LEADER

MEAT GOAT

What you can do in this project (grades 3 and up):

- 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
- Recognize meat goat diseases
- Understand reproduction cycle and keep records
- Understand bio-security and quality assurance
- Formulate rations & evaluate goat pastures

Resource: Level 1 - 07909, *Just Browsing* (2006) \$5.75

Level 2: 07910, *Get Growing with Meat Goats* (2006) \$5.75

Level 3: 07911, *Meating the Future* (2006) \$5.75

HORSE/HORSELESS HORSE LEADER

Resources: 08058, *Horse Helper's Guide* (2004) \$1.66

HORSE/HORSELESS HORSE YOUTH LDR HORSE

What you can do in this project (grades 4 & above):

- Learn horse behavior and terms
- Study breeds and identify body parts
- Practice horse safety and horse selection
- Practice horsemanship and judging
- Learn about tack, feeding and diseases
- Learn about fencing, pasturing and housing
- Explore horse-related careers
- Learn English and Western style bridles
- Practice proper show ethics

Resources:

CO200 *Horses & Horsemanship* \$6.50

CO201 *Horse Science* \$6.50

CO203, *Horse Science/Horses & Horsemanship* \$10.95

4H180, *Pleasure Riding* (2000) \$1.00

Level 1: 08053, *Giddy Up & Go* (2004) \$5.95

Level 2: 08054, *Head, Heart & Hooves* (2004) \$6.95

Level 3: 08055, *Stable Relationships* (2004) \$6.95

Level 4: 08056, *Riding the Range* (2004) \$6.95

Level 5: 08057, *Jumping to New Heights* (2004) \$6.95

4H 181, *Draft Horse* \$7.50

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 about safety and equipment
- Learn selection, training and showing
- Practice trail riding skills
- Understand horse diseases and prevention
- Explore horse-related careers

Resource: 4H266, *Horses are Fun- Horseless Horse* \$1.90

Other literature the same as horse project

CLOTHES HORSE

What you can do in this project:

- Learn how to make riding apparel and equipment
- Develop sewing and creative skills

Resources:

4H374, *Additional Patterns for Clothes Horse* \$1.50

4H389, *Horse & Riding Attire* \$1.60

4H360, *4-H Clothes Horse Activity Guide* \$1.25

PETS LEADER

Resource: 06362, *Pet Helper's Guide* (2001) \$5.75

PETS YOUTH LEADER

PETS

What you can do in this project (grades 3 & above):

- Explore your favorite pet or select a pet
- Learn to provide a safe environment
- Explore animal digestion and feeding
- Determine the animal's sex and proper health
- Understand how genetics work
- Explore animal welfare issues

Resources:

Level 1: 06359, *Pet Pals* (2001) \$5.75

Level 2: 06360, *Scurrying Ahead* (2001) \$5.75

Level 3: 06361, *Scaling the Heights* (2001) \$5.75

POULTRY LEADER

Resource: 06366, *Poultry Helper's Guide* (2001) \$5.75

POULTRY YOUTH LEADER

The poultry literature marked 'free' can be found at

<http://fyi.uwex.edu/wi4hprojects/animal-sciences/poultry/>

POULTRY

What you can do in this project (grades 3 & above):

- Identify poultry breeds and learn parts of the bird
- Learn parts and functions of the egg
- Learn how to select and handle poultry
- Prevent poultry diseases
- Discover how chicks imprint
- Manage a laying flock
- Handle poultry products safely
- Process a chicken

Resources:

Level 1: 06363, *Scratching the Surface* (2001) \$5.75

CIR878, *From Egg to Chick* FREE

Level 2: 06364, *Testing Your Wings* (2001) \$5.75

A2880, *Chicken Breeds & Varieties* \$1.55

4H281, *Poultry for Fun & Food* \$1.00

Level 3: 06365, *Flocking Together* (2001) \$5.75

POULTRY WATERFOWL

What you can do in this project (grades 3 and above):

- Learn about waterfowl breeds and parts
- Handle waterfowl properly
- Incubate and exhibit waterfowl

Resources: A3311, *Raising Waterfowl* FREE

POULTRY TURKEYS

What you can do in this project (grades 3 and above):

- Prepare a brooding area
- Raise range turkeys
- Identify diseases

Resources: NCR060, *Small Turkey Flock Management* \$2.00

POULTRY BANTAMS

What you can do in this project (grades 3 and above):

- Discover bantam breeds and breed characteristics
- Learn how to get started raising bantams
- Select and mate bantams

- Incubate and rear their young

Resources: NCR209, *Bantams* \$1.60

POULTRY PIGEONS

What you can do in this project (grades 3 and above):

- Learn about buying, banding and feeding
- Understand about proper housing and behavior
- Learn about grooming and exhibiting

Resource: 4H135, *Pigeons* FREE

RABBITS LEADER

Resource: 08083, *Rabbit Helper's Guide* (2004) \$5.75

RABBITS YOUTH LEADER

RABBITS

What you can do in this project (grades 3 & above):

- Learn about selecting and handling rabbits
- Identify rabbit breeds and body parts
- Explore health issues and feeding
- Learn to tattoo
- Learn about breeding and genetics
- Design a rabbitry; Market rabbits
- Learn about disease prevention and rabbit registration

Resources:

Level 1: 08080, *What's Happening?* (2004) \$5.75

Level 2: 08081, *Making Tracks* (2004) \$5.75

Level 3: 08082, *All Ears* (2004) \$5.75

SHEEP LEADER

Resources: 06370, *Sheep Helper's Guide* \$5.75

194R, *Sheep Resource Handbook* (2003) \$27.50

SHEEP YOUTH LEADER

SHEEP

What you can do in this project (grades 3 & above):

- Identify sheep breeds and body parts
- Identify uses of wool and other by-products
- Fit and show sheep
- Learn to identify sheep parasites
- Diagnose sheep diseases and use medications safely
- Explore careers
- Market sheep products and teach others

Resources:

Level 1: 06367, *Lambs, Rams and You* \$5.75

Level 2: 06368, *Shear Delight* \$5.75

Level 3: 06369, *Leading the Flock* \$5.75

SWINE LEADER

Resources: 08068, *Swine Helper's Guide* (2004) \$5.50

134R, *Swine Resource Handbook* (2003) \$19.50

SWINE YOUTH LEADER

SWINE

What you can do in this project (grades 3 & above):

- Identify swine breeds, feeds and animal parts
- Practice judging market hogs
- Identify pork meat cuts
- Practice fitting and showing a hog
- Assemble tack and pack a show box
- Learn to make breeding and culling decisions
- Design a preventative herd health plan

Resources:

Level 1: 08065, *The Incredible Pig* (2004) \$5.75

Level 2: 08066, *Putting the Oink in the Pig* (2004) \$5.75

Level 3: 08067, *Going Whole Hog* (2004) \$5.75

VETERINARY SCIENCE LEADER

Resources:

08051, *Veterinary Science Helper's Guide* (2004) \$5.75

4H323, *The Normal Animal - Leader's Guide* FREE

4H192, *Veterinary Science* \$4.00

VETERINARY SCIENCE YOUTH LEADER

Literature marked 'FREE' can be found at

<http://fyi.uwex.edu/wi4hprojects/animal-sciences/veterinary-sciences>

VETERINARY SCIENCE

What you can do in this project (grades 3 and above):

- Learn different breeds of animals
- Interpret animal behavior
- Identify feed nutrients
- Describe animal life stages and systems
- Create health records for your animal
- Consider ethics and animal welfare
- Understand diseases that spread from animals to humans
- Learn about diversity of veterinary careers

Resources:

Level 1: 08048, *From Airedales to Zebras* (2004) \$5.75

4H334, *Adventure Notebook* \$2.55

4H131, *The Normal Animal* FREE

Level 2: 08049, *All Systems Go* (2004) \$5.75

4H048, *Animal Disease* \$4.00

Level 3: 08050, *On the Cutting Edge* (2004) \$5.75

4H133, *Animal Health* \$4.00



COMMUNICATION ARTS

<http://fyi.uwex.edu/wi4hprojects/arts-communication/>

COMMUNICATIONS LEADER

Resources:

COMM04, *Voices From the Past* (2000) FREE

COMM05, *It's All in the Family* (2000) FREE

COMM07, *Communication Activities for 4-H Clubs* (2000) FREE

Literature listed as 'FREE' can be found at

<http://fyi.uwex.edu/wi4hprojects/arts-communication/communications>

COMMUNICATIONS YOUTH LEADER

COMMUNICATIONS

What you can do in this project (grades 3 and above):

- Strengthen your personal communication skills
- Present oral reasons, plan and present speeches
- Practice making good first impressions
- Explore communication careers
- Write résumés and interview for a job

Resources:

Level 1: 08156, *Picking Up the Pieces* (2006) \$4.95

Level 2: 08157, *Putting It Together* (2006) \$1.73

Level 3: 08158, *The Perfect Fit* (2006) \$4.95

CREATIVE WRITING

What you can do in this project (grades 3 and above):

- Explore language and creative expression
- Stimulate your creativity and self-expression
- Enrich your joy of book reading

Resources:

COMM01, *Creative Wordworking* (2000) FREE

SPEAKING

What you can do in this project (grades 3 and above):

- Plan, practice and present an effective speech
- Gain confidence in public speaking

Resources:

COMM02, *4-H Public Speakers Handbook* (2000) FREE

COMM06, *4-H Public Speaking Opportunities* (2000) FREE



PERFORMING ARTS

<http://fyi.uwex.edu/wi4hprojects/arts-communication/theatre-arts/>

CLOWNING LEADER

CLOWNING

What you can do in this project (grades 3 and above):

- Discover the history of clowning
- Develop your own character
- Design your own makeup, costume and props

Resource: 4H265, *Enter the Clowns* FREE at above site

MUSIC LEADER

MUSIC YOUTH LEADER

MUSIC

What you can do in this project (grades 3 and above):

- Gain a greater appreciation for music
- Listen, perform and compose various types of music
- Teach others and make instruments

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

Free at <http://fyi.uwex.edu/wi4hprojects/arts-communication/music/>

THEATRE ARTS LEADER

Resource: 08073, *Theatre Arts Helper's Guide* (2004) \$1.80

THEATRE ARTS YOUTH LEADER

THEATRE ARTS

What you can do in this project (grades 3 and above):

- Study acting, sound, movement, voice and speech
- Try pantomime, clowning and improvisation
- Explore types of puppets and puppet characters
- Plan and Present a Puppet Show
- Study costumes, makeup, stage sets, props and sound
- Learn stage management

Resources:

Level 2: 08071, *Become a Puppeteer!* (2004) \$1.76



VISUAL ARTS

<http://fyi.uwex.edu/wi4hprojects/arts-communication/>

ARTS & CRAFTS LEADER (VISUAL ARTS)

ARTS & CRAFTS YOUTH LEADER

ART

What you can do in this project (grades 3 and above)

- Learn art through cutting, pasting and drawing
- Explore sculpting and constructing with fibers
- Paint and print using different materials
- Explore art techniques, culture and history of art
- Learn artistic challenges in drawing, fiber arts and sculpting
- Develop graphic design techniques

Resources:

8140, *Advanced Visual Arts: Sketchbook Crossroads* \$7.50

8141, *Advanced Visual Arts: Portfolio Pathways* \$7.50

When members enroll in Art they are encouraged to learn about and are eligible to enter items in the

STENCIL PAINTING

Resource: *Waupaca Stencil Painting Literature* \$.50

BLOCK PRINTING

Resource: 4H156, *Block Printing Member Guide* FREE
CIR008, *Block Printing Leader Guide* FREE

Free at <http://fyi.uwex.edu/wi4hprojects/arts-communication/block-printing/>

METAL ENAMELING

Resource: 4H158, *Metal Enameling Members Guide* FREE
CIR009, *Metal Enameling Leader Guide* FREE

Free at <http://fyi.uwex.edu/wi4hprojects/arts-communication/metal-enameling/>

MACRAMÉ

Waupaca County Macramé for Beginners \$.65

Waupaca County Create with Macramé \$1.30

BASKETRY – no 4-H literature available

TIE-DYING – no 4-H literature available

CREATIVE/CROSS STITCHERY – no 4-H literature

CERAMICS–*Waupaca County Ceramics Literature* \$.80

FOLK ARTS

Resource: NCR534, *Folk Arts Leader Guide* \$25.70

Waupaca County Fair in any of the areas in the box on this page and more.

DRAWING & PAINTING LEADER

DRAWING & PAINTING YOUTH LEADER

DRAWING & PAINTING

What you can do in this project (grades 3 and above):

- Learn to draw with pencil, chalk, crayon, etc.
- Learn to blend and shade
- Make surface rubbings
- Paint with watercolor, oil and acrylics

Resource: 4H169, *Drawing & Painting* FREE at

<http://fyi.uwex.edu/wi4hpublications/drawing-painting/>

PHOTOGRAPHY LEADER

PHOTOGRAPHY YOUTH LEADER

PHOTOGRAPHY

What you can do in this project (grades 3 and above):

- Explore the camera and learn to use it properly
- Learn the basics of lighting and composition
- Learn about camera adjustments
- Take silhouettes, candid, action shots and others
- Learn about wide-angle and telephoto lenses
- Experiment with special effect photos

Resources:

Level 1: PC1, *Focus on Photography* (2007) \$6.95

Level 2: PC2, *Controlling the Image* (2007) \$6.95

Level 3: PC3, *Mastering Photography* (2007) \$6.95

VIDEOGRAPHY

What you can do in this project:

- Learn storytelling, editing and lighting
- Learn to plan a project with the use of sound and titles
- Show and review your production

Resource: IS401, *Action! Making Videos & Movies FREE* at <http://fyi.uwex.edu/wi4hpublications/action-making-videos-movies/>



FAMILY, HOME & HEALTH

<http://fyi.uwex.edu/wi4hprojects/family-home-health/>

CHILD DEVELOPMENT LEADER

Resource: 08078, *Child Development Helper's Guide* \$0.86

CHILD DEVELOPMENT YOUTH LEADER

CHILD DEVELOPMENT

What you can do in this project (grades 3 and above):

- Learn about the development of babies and toddlers
- Learn how to make toys safe for small children
- Learn how to take care of yourself and others
- Check for safety hazards
- Explore how to be an effective parent
- Make babysitting and first-aid kits
- Check out child development careers

Resources:

Level 1: 08075, *Growing On My Own* (2004) \$2.25

Level 2: 08076, *Growing With Others* (2004) \$1.75

Level 3: 08077, *Growing in Communities* (2004) \$1.75

CLOTHING LEADER

Resource: 08063, *Sewing Helper's Guide* (2004) \$5.75

CLOTHING YOUTH LEADER

CLOTHING

What you can do in this project (grades 3 and above):

- Identify sewing tools and machine parts
- Thread a sewing machine and identify fabrics
- Select and purchase a pattern
- Sort clothes for laundry and remove stains
- Identify types of fabric constructions
- Sew different buttonholes and seam finishes
- Use pressing tools and thread a serger
- Use specialized sewing tools or equipment

Resources:

Level 1: 08060, *Under Construction* (2004) \$5.75

Level 2: 08061, *Fashion Forward* (2004) \$5.75

Level 3: 08062, *Refine Design* (2004) \$5.75

CROCHETING LEADER

CROCHETING YOUTH LEADER

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* (2001) \$4.90

The following foods and nutrition project listings also have the opportunity to explore cake decorating and food preservation.

FOODS & NUTRITION LEADER

Resource: 07730, *Foods Helper's Guide* (2002) \$3.99

FOODS & NUTRITION YOUTH LEADER

FOODS & NUTRITION 1

What you can do in this project (for grades 3-6):

- Learn what is good to eat and how to fix simple foods
- Explore why calcium is important to our bodies
- Understand TV commercial messages about food

Resource: 07144, *Six Easy Bites* (2003) \$3.99

Waupaca County Recipe Book (levels 1-4) \$2.00

FOODS & NUTRITION 2

What you can do in this project (for grades 7-8):

- Learn to change recipes
- Reduce fat content in recipes
- Discover how to store fruit and vegetables

Resource: 07146, *Tasty Tidbits* (2003) \$3.99

Waupaca County Recipe Book (levels 1-4) \$2.00

FOODS & NUTRITION 3

What you can do in this project (for grades 9-10):

- Learn to evaluate nutrition information and fad diets
- Learn how to cook different cuts of meat
- Learn to divide large-quantity packages for family use

Resource: 07148, *You're the Chef* (2003) \$3.99

Waupaca County Recipe Book (levels 1-4) \$2.00

FOODS & NUTRITION 4

What you can do in this project (for grades 11 and above):

- Learn to divide recipes and make substitutions
- Plan menus on a budget

Resource: 07150, *Foodworks* (2003) \$3.99

Waupaca County Recipe Book (levels 1-4) \$2.00

FOOD PRESERVATION RESOURCES

B0430, *Canning Fruits Safely* \$3.00

B1159, *Canning Vegetables Safely* \$2.00

B2909, *Making Jams, Jellies & Fruit Preserves* \$5.00

B3278, *Freezing Fruits & Vegetables* \$2.75

B2267, *Homemade Pickles & Relishes* \$4.10

B2605, *Tomatoes Tart & Tasty* \$3.00

B3345, *Canning Meat, Wild Game, Poultry & Fish* \$5.00

B3570, *Canning Salsa Safely* \$2.50

HOME ENVIRONMENT LEADER

HOME ENVIRONMENT YOUTH LEADER

HOME ENVIRONMENT

What you can do in this project (grades 3 and above):

- Make small decorative items for the home
- Explore the world of home interior design
- Learn to handle home tasks and entertain guests
- Refinish wood furnishings and make other home items
- Learn scale, balance and proportion in home design
- Learn about purchasing furnishings for the home
- Restore or make a heritage item

Resources:

4H425, *Exploring Your Home* \$1.65

4H465, *In My Home* \$1.80

HEALTH LEADER

HEALTH YOUTH LEADER

HEALTH

What you can do in this project (grades 3 and above):

- Practice first-aid skills to treat basic injuries
- Learn how to respond to someone who is choking
- Assemble a first-aid kit
- Explore hygiene, nutrition and physical activities
- Design your own fitness plan
- Track your plan and review your progress
- Interview individuals in the health and fitness fields

Resources:

Level 1: 08174, *First Aid in Action* (2005) \$5.75

Level 2: 08175, *Staying Healthy* (2005) \$5.75

Level 3: 08176, *Keeping Fit* (2005) \$5.75

INTERGENERATIONAL PROGRAMS LDR

Resource: NCR548, *Walk in My Shoes Leader Guide* \$7.55

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* \$7.55

KNITTING LEADER

KNITTING YOUTH LEADER

KNITTING

What you can do in this project (grades 3 and above):

- Discover what to consider when buying yarn or tools
- Learn knitting and finishing techniques
- Learn how to care for your knitted items

Resource: CC1402, *Knitting Made Easy* (2001) \$6.00



CONSUMER, FINANCIAL, AND CAREER EDUCATION

<http://fyi.uwex.edu/wi4hprojects/family-home-health/>

CONSUMER SAVVY LEADER

Resource: 08033, *Consumer Savvy Helper* (2004) \$4.00

CONSUMER SAVVY YOUTH LEADER

CONSUMER SAVVY

What you can do in this project (grades 3 & above):

- Know the difference between wants and needs
- Write a savings and spending plan
- See how peer pressure can influence your purchases
- Understand the risks of shopping on the Internet
- Define consumer responsibilities and ethics
- Understand the costs of owning a vehicle

Resources:

Level 1: 08030, *The Consumer in Me* (2004) \$3.99

Level 2: 08031, *Consumer Wise* (2004) \$3.99

Level 3: 08032, *Consumer Roadmap* (2004) \$3.99

ENTREPRENEURSHIP LEADER

Resource: 08036, *Entrepreneurship Helper's Guide* \$5.75

ENTREPRENEURSHIP

What you can do in this project geared to grades 7 and above:

- 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* (2006) \$10.00

PERSONAL FINANCE LEADER

Resource: 07712, *Financial Helper's Guide* (2007) \$2.70

PERSONAL FINANCE

What you can do in this project aimed at grades 6-12:

- Learn money management skills
- Learn about wants and needs, values and goal setting
- Explore ways to use and save money
- Learn the benefits and drawbacks of credit

Resource: 07710, *Money FUNDamentals* (2007) \$3.99

07711, *Money Moves* (2007) \$3.99

WORKFORCE READINESS LEADER

Resource: 08192, *Workforce Helper's Guide* (2006) \$3.00

WORKFORCE READINESS

What you can do in this project (geared towards grades 6-9):

- Explore what it takes to get your first job
- Discover how to assess job possibilities in the community
- Recognize your learning styles and personal qualities

Resource: 08191, *Get in the Act! Take 1 (with CD)* (2006) \$3.00



MECHANICAL SCIENCES

<http://fyi.uwex.edu/wi4hprojects/mechanical-sciences/>

BICYCLING LEADER

Resources: 08336, *Bicycle Helper's Guide* (2006) \$5.75

08399, *Bicycle Fix It! (DVD)* (2001) \$10.00

BICYCLING ENGR & TECH

What you can do in this project

- Learn the essentials for getting started safely
- Explore the basics toward lifelong cycling
- Learn safety, road rules and planning for a pleasant ride
- Practice bike maintenance

Level 1: 08334, *Bicycling for Fun* (2006) \$5.75

Level 2: 08335, *Wheels in Motion* (2006) \$5.75

COMPUTERS LEADER

Resource: 08349, *Teens Teaching Tech (2008)* \$1.20

COMPUTERS YOUTH LEADER

COMPUTERS

What you can do in this project (grades 3 and above):

- Learn about hardware, software and components
- Learn the various programs and their features
- Build and repair a computer
- Install operating systems
- Discover how to create and manage networks
- Explore security issues and troubleshooting

Resources:

Level 1: 08346, *Newbie Know How (2008)* \$1.95

Level 2: 08347, *Inside the Box (2008)* \$1.95

Level 3: 08348, *Peer to Peer (2008)* \$1.04

ELECTRICITY LEADER

Resource: 06852, *Electricity Helper's Guide (2003)* \$5.75

ELECTRICITY YOUTH LEADER

ELECTRICITY 1

What you can do in this beginning project (geared to grades 4-5):

- Understand how to use electricity
- Identify electrical materials, wire a simple circuit
- Build a compass, flashlight, switch and electric motor

Resource: 06848, *Magic of Electricity (2003)* \$5.75

ELECTRICITY 2

What you can do in this intermediate project (grades 6-7):

- Learn to read circuit diagrams
- Build a circuit and measure voltages
- Communicate in Morse code

Resource: 06849, *Investigating Electricity (2003)* \$5.75

ELECTRICITY 3

What you can do in this intermediate project (grades 8-9):

- Develop a basic electrical tool and supply kit
- Understand the symbols on wires and cables
- Locate your home wiring system

Resource: 06850, *Wired for Power (2003)* \$5.75

ELECTRICITY 4

What you can do in this advanced project (grades 10 & above):

- 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 (2003)* \$5.75

SCALE MODELS LEADER

SCALE MODELS YOUTH LEADER

SCALE MODELS

What you can do in this project (grades 3 and above):

- 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* \$.35

SMALL ENGINES LEADER

Resource: 08189, *Small Engines Helper's Guide (2005)* \$5.75

SMALL ENGINES YOUTH LEADER

SMALL ENGINES

What you can do in this project (grades 3 and above):

- Learn the basics of small engines
- Explore external & internal engine parts and tools
- Learn about engine sizes and safety issues
- Explore different jobs related to small engines
- Tear down and rebuild an engine
- Learn to use diagnostic tools
- Research rules and regulations in using small engines

Resources:

Level 1: 08186, *Crank It Up! (2005)* \$5.75

Level 2: 08187, *Warm It Up! (2005)* \$5.75

Level 3: 08188, *Tune It Up! (2005)* \$5.75

TRACTORS LEADER

TRACTORS

What you can do in this project:

- Learn and identify parts of the tractor
- Understand the basics of tractor maintenance
- Learn about different fuels and engine cooling systems
- Research different safety features and learn safety rules

Grades: 3-4 (little or no experience) Resource:

4H961, *Starting Up: Getting to Know Your Tractor (2006)* \$5.50

- Practice farm and tractor safety
- Understand the mechanics of engines
- Identify accessory equipment

Grades: 5-6 (little or no experience) Resource:

4H962, *Tractor Operations: Gearing Up for Safety (2006)* \$5.50

- Learn types of oil systems and fuel safety
- Learn how to hook on a PTO unit
- Learn tractor and machinery maintenance

Grades: 7-9 (some prior experience)

Resource: 4H963, *Moving Out: Learning About Your Tractor & Farm Machinery (2006)* \$5.50

- Focus on safety and maintenance
- Identify and work with operational systems

Grades: 10-12 (some prior experience)

Resource: 4H964, *Learning More: Learning About Agricultural Tractors & Equipment (2006)* \$5.50

WOODWORKING LEADER

Resource: 06879, *Woodworking Helper's Guide (2003)* \$5.75

WOODWORKING YOUTH LEADER

WOODWORKING

What you can do in this project (grades 3 and above):

- Learn safety practices when working with wood and tools
- Identify types of nails and wood
- Compare different types of hinges
- Use a hand plane and build a laminated cutting board
- Compare different grades of plywood
- Use a table saw, router, powered circular saw and sander
- Learn to make more difficult joints
- Create inlays and overlays

Resources:

Level 1: 06875, *Measuring Up (2003)* \$5.75

Level 2: 06876, *Making the Cut (2003)* \$5.75

Level 3: 06877, *Nailing It Together (2003)* \$5.75

Level 4: 06878, *Finishing Up (2003)* \$5.75



NATURAL RESOURCES & ENVIRONMENTAL EDUCATION

<http://fvi.uwex.edu/wi4hprojects/natural-sciences/>

ADVENTURES LEADER

Resource: 4H443, *4-H Adventure Project* \$1.90

ADVENTURES YOUTH LEADER

ADVENTURES

What you can do in this project (grades 3 and above):

- 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* \$4.65

ADVENTURES BICYCLING ENVIRON ED

What you can do in this project (grades 3 and above):

- Learn how and where to bicycle safely
- Plan a bicycle camping trip
- Design and build a bicycle obstacle course
- Conduct a bike maintenance check

Resource: 4H446, *Bicycling* \$2.80

BACKPACKING & HIKING LEADER

Resource: 08046 *Outdoor Adventures Helper (2004)* \$5.75

BACKPACKING & HIKING

What you can do in this beginning project (grades 3 and above):

- Plan a day hike, select items and plan the food
- Prepare a first-aid kit
- Learn to use a compass
- Prepare for dangerous weather
- Plan a camping trip, equipment, shelter
- Practice "Leave No Trace" principles while hiking
- Select group backpacking gear including a tent
- Learn to orient a map and use triangulation

Resources:

Level 1: 08043, *Hiking Trails (2004)* \$5.75

Level 2: 08044, *Camping Adventures (2004)* \$5.75

Level 3: 08045, *Backpacking Expeditions (2004)* \$5.75

CANOEING

What you can do in this project (grades 3 and above):

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

Resource: 4H447, *Canoeing* \$3.35

ENTOMOLOGY (INSECTS) LEADER

Resource: 08393 Project Butterfly Wings Facilitator Guide \$7.95

ENTOMOLOGY YOUTH LEADER

ENTOMOLOGY (INSECTS)

What you can do in this beginning project (grades 3 and above):

- Learn about insects, their behavior and life history
- Discover the parts of an insect's body
- Collect and compare insects

- Explore how insects communicate and move
- Learn how an insect protects itself
- Investigate entomology careers
- Make an insect identification key
- Explore various gardens and insect habitats

Resources:

Level 1 & 2 08392 Project Butterfly Wings Youth Guide \$3.99

EXPLORING YOUR ENVIRONMENT LDR

Resources:

08412, *Exploring Your Environment Facilitator Guide* \$6.95

PUB-CE-456, *Education Connection* FREE

PUBL-ER-001, *WI Endangered & Threatened Species* FREE

EXPLORING ENVIRONMENT YTH LEADER

EXPLORING YOUR ENVIRONMENT

What you can do in this project (grades 3 and above):

- Explore the four elements of life: sun, air, water and soil
- Use your senses to explore the environment
- Connect to the environment through plants and animals
- Learn how the environment is affected by pollution
- Explore wildlife habitats and tracking
- Learn about groundwater
- Research pollination and how it works
- Begin to understand biodiversity
- Learn what climate has to do with the way we live

Resources: Level 1: 08411, *Earth's Capacity* \$6.95

Level 3: 08410, *Ecosystems Services* \$6.95

FISHING LEADER

Resource: 07601, *Fishing Adventures- Helper (2002)* \$3.99

FISHING YOUTH LEADER

FISHING

What you can do in this project (grades 3 and above):

- 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
- Learn to tie fishing knots
- Select a recipe and cook a fish
- Learn to reassemble a fishing reel
- Make artificial flies and lures
- Investigate fishing careers

Resources:

Level 1: 07598, *Take the Bait (2002)* \$5.75

Level 2: 07599, *Reel in the Fun (2002)* \$5.75

Level 3: 07600, *Cast into the Future (2002)* \$5.75

FORESTRY LEADER

Resource: 08041, *Forestry Helper's Guide (2004)* \$5.75

FORESTRY

What you can do in this project (grades 3 & above):

- Identify forest types, forest products and trees
- Describe how leaves affect rainfall
- Learn how trees move water from soil to canopy
- Diagram a leaf
- Understand major forest changes and their impact
- Select tree planting sites
- Create a community forest map

Resources:

Level 1: 08038, *Follow the Path (2004) \$5.75*
Level 2: 08039 *Reach for the Canopy (2004) \$5.75*
Level 3: 08040, *Explore the Deep Woods (2004) \$5.75*

RECYCLING

What you can do in this project (grades 3 and above):

- Learn about the impact of solid waste on the environment
- Learn to reduce, reuse and recycle

Resource: 4H362, *Recycling for Reuse \$3.35*

WATER LEADER

Resource: 4H850, *Give Water a Hand Leader \$2.85*

WATER

What you can do in this project (grades 3 and above):

- Identify water conservation and pollution issues
- Explore 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 \$4.90*

WILDFLOWERS

What you can do in this project (grades 3 and above):

- Learn about wildflowers in your neighborhood
- Learn to identify wildflowers and how to collect them

Resource: 4H392, *Wildflowers \$3.10*

WINTER TRAVEL

What you can do in this project (grades 3 and above):

- 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 \$3.35*



SHOOTING SPORTS EDUCATION

<http://fyi.uwex.edu/wi4hshootingsports/>

SHOOTING SPORTS LEADER

Resource: Each shooting sports leader should attend a Certification training to receive the WI Shooting Sports Basic 4-H Guidelines.

Goals of the 4-H Shooting Sports program are to give youth thorough instruction in gun safety, provide proper training in the use of firearms, create an appreciation of natural resources, and develop self-confidence and responsibility. Wisconsin county leaders must participate in a shooting sports workshop sanctioned by the state prior to offering 4-H Shooting Sports as a project and must complete the county leader orientation. Workshops are held each year. Check with your county 4-H office for times and locations.

**** According to State policy, 4-H youth through age 11 cannot operate any powder burning firearm. This includes, but is not limited to .22 handgun or rifle, muzzleloading handgun or rifle, or shotgun.**

***** Youth must work with state certified shooting sports leaders in any of the shooting sports disciplines**

AIR PISTOL LEADER

Each pistol leader should attend a Certification Training to receive the Pistol Guide & WI Shooting Sports Basic 4-H Guidelines.

AIR PISTOL

Resource: *753 Pistol Member Record Book \$7.50*

What you can do in this project (grades 3 and above):

- Explore different air pistols
- Learn basic safety rules and guidelines
- Learn marksmanship and shooting procedures

AIR RIFLE LEADER

Each air rifle leader should attend a Certification Training to receive the Air Rifle Guide & WI Shooting Sports Basic 4-H Guidelines.

AIR RIFLE

What you can do in this project (grades 3 and above):

- Explore different types of air rifles
- Learn basic safety rules and range commands
- Learn various shooting positions used in competition

ARCHERY LEADER

Each archery leader should attend a Certification Training to receive the Archery Guide & WI Shooting Sports Basic 4-H Guidelines.

ARCHERY

Resource: *751 Archery Member Record Book \$7.50*

What you can do in this project (grades 3 and above):

- Learn the fundamentals of archery marksmanship
- Learn rules and safety guidelines
- Make archery equipment
- Shoot with sights and different bows

HUNTING LEADER

HUNTING

What you can do in this project (grades 3 and above):

- Learn the history, philosophy and laws of hunting
- Learn to plan and equip yourself for a hunt

MUZZLELOADING LEADER

Each muzzleloading leader should attend a Certification training to receive the Muzzleloading Guide & WI Shooting Sports Basic 4-H Guidelines.

MUZZLELOADING

What you can do in this project:

- Explore muzzleloading history
- Study different muzzle loading guns and accessories
- Learn how to clean a muzzleloader
- Learn safety issues

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

RIFLE LEADER

Each rifle leader should attend a Certification training to receive the Rifle Guide & WI Shooting

Sports Basic 4-H Guidelines.

RIFLE

Resource: *750 Rifle Member Record Book \$7.50*

What you can do in this project:

- Explore rifle history and the different models
- Learn to sight-in your rifle and score targets
- Learn safe handling procedures and range rules

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

SHOTGUN LEADER

Each shotgun leader should attend a Certification training to receive the Shotgun Guide & WI Shooting Sports Basic 4-H Guidelines.

SHOTGUN

Resource: *752, Shotgun Member Record Book \$7.50*

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



PLANT & SOIL SCIENCES

<http://fyi.uwex.edu/wi4hprojects/plant-soil-sciences/>

CROPS LEADER

CROPS YOUTH LEADER

CORN (CROPS 1)

What you can do in this project (grades 3 and above):

- 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 \$3.35*

FORAGE (CROPS 2)

What you can do in this project (grades 3 and above):

- 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 \$.85*

SMALL GRAINS (CROPS 3)

What you can do in this project (grades 3 and above):

- Explore types of grasses, including wheat, oats and barley
- Learn about growing conditions and nutrients
- Practice integrated pest management
- Compare production costs and marketing

Resources: 4H356, *4-H Small Grains Manual \$3.10*

FLOWERS LEADER

Resource: 4H1041W, *Gardening Helper's Guide \$6.95*
(same literature as vegetable projects)

FLOWERS YOUTH LEADER

FLOWERS

What you can do in this project (grades 3 and above)

- Identify flower parts and their functions
- Plant flowers and make flower arrangements
- Learn about plant needs and soil testing
- Select and start new plants and grow transplants
- Examine plants for insects and diseases

Resources: *Same resources as vegetable project*

07162, *Gardening: See Them Sprout \$3.50*

4H1301A, *Forcing Spring Flowering Bulbs \$.85*

A2935, *Evaluating & Judging Flowers & Indoor Plants FREE at*

<http://fyi.uwex.edu/wi4hprojects/plant-soil-sciences/flowers/>

07163, *Gardening: Let's Get Growing \$3.50*

07164, *Gardening: Take Your Pick \$3.50*

FRUITS LEADER

FRUITS

What you can do in this project (grades 3 and above):

- Produce fruits from apples to berries
- Select the best fruit cultivar for your home garden

Resources: A1597, *Growing Strawberries in Wisconsin \$4.00*

A1610, *Growing Raspberries in Wisconsin \$5.50*

A1960, *Growing Currants, Gooseberries, & Elderberries in Wisconsin \$5.65*

A1656, *Growing Grapes in Wisconsin \$4.00*

A2072, *Growing Pears in Wisconsin \$4.00*

All fruits resources have FREE PDF at:

<http://fyi.uwex.edu/wi4hprojects/plant-soil-sciences/fruits/>

HOME GROUNDS LEADER

HOME GROUNDS

What you can do in this project (grades 3 and up):

- Learn about seeding a lawn
- Study proper lawn care and maintenance
- Explore fertilization and pest management techniques
- Learn the importance of planting new trees and shrubs
- Learn basic maintenance: pruning and fertilization
- Explore landscape planning
- Select, place and plant trees and shrubs

Resources: 4H321, *4-H Lawn Care \$1.25*

A3067, *Selecting, Planting & Caring for Shade Trees FREE*

G1923, *Planning & Designing Your Home Landscape FREE*

FREE resources at

<http://fyi.uwex.edu/wi4hprojects/plant-soil-sciences/home-grounds/>

HOUSE PLANTS LEADER

Resource: 4H1041W, *Gardening Helper's Guide \$6.95*

HOUSE PLANTS YOUTH LEADER

HOUSE PLANTS

What you can do in this project (grades 3 and above)

- Identify plant parts and their functions
- Grow house plants and start a plant from a cutting
- Make a dish garden
- Examine plants for insects and diseases
- Compare different fertilizers

Resources: *Same resources as vegetable project*

07162, *Gardening: See Them Sprout \$3.50*

4H328, *Propagating & Growing House Plants* \$1.25
07163, *Gardening: Let's Get Growing* \$3.50
07164, *Gardening: Take Your Pick* \$3.50

PLANT CRAFTS LEADER
PLANT CRAFTS YOUTH LEADER
PLANT CRAFTS

What you can do in this project (grades 3 and above):

- 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* \$1.00
4H453, *Plant Crafts Supplement* \$.90

VEGETABLES LEADER

Resource: 4H1041W *Gardening: Helper's Guide* (2016) \$6.95

VEGETABLES YOUTH LEADER
VEGETABLES

What you can do in this project (grades 3 and above)

- Identify plant parts and their functions
- Explore germination and start a plant from a cutting
- Grow vegetables in containers
- Plan an outdoor garden; learn about composting
- Learn about plant needs and soil testing
- Compare organic and chemical fertilizers

Resources:

Grades 3-5, 07162, *Gardening: See Them Sprout* (2011) \$6.95
Grades 6-7, 07163, *Gardening: Let's Get Growing* (2011) \$6.95
Grades 8-10, 07164, *Gardening: Take Your Pick* (2011) \$6.95
4H395, *Organically Grown – Handbook* \$4.60
4H409, *Nature's Herbs* \$1.15
A3306, *Exhibiting & Judging Vegetables* FREE at
<http://fyi.uwex.edu/wi4hprojects/plant-soil-sciences/vegetables/>



**STEM (Science, Technology,
Engineering & Math)**

<http://fyi.uwex.edu/wi4hprojects/stem-science-technology-engineering-math/>

AEROSPACE LEADER
AEROSPACE YOUTH LEADER
AEROSPACE

What you can do in this project (grades 3 and above):

- Build straw and paper rockets
- Identify types of aircraft
- Discover how weather affects flying
- Build and fly a kite
- Build, exhibit and launch model rockets
- Make a flight simulator
- Build an altitude tracker
- Discover the affects of gravity
- Explore life in space and aerospace careers

Resources:

Level 1: 06842, *Pre-Flight* (2003) \$5.75
Level 2: 06843, *Lift Off* (2003) \$5.75
Level 3: 06844, *Reaching New Heights* (2003) \$5.75

Level 4: 06845, *Pilot in Command* \$5.75

GEOSPATIAL LEADER
GEOSPATIAL

What you can do in this project (grades 3 and above):

- Discover ways of thinking about geographic positions
- Learn about navigational tools: GIS, GPS, compasses
- Learn to measure distances
- Combine data with geographical positions
- Make maps of home, neighborhood and community
- Use multi-layered maps to attempt to solve problems
- Pinpoint pollution sources

Resource: CD8358, *Exploring Spaces, Going Places* CD \$3.25

ROBOTICS LEADER

Additional equipment and materials may be needed to complete some of the projects.

ROBOTICS

What you can do in this project (grades 3 and above):

- Explore and learn about robots arms
- Learn about robot form, function and design
- Build robots from everyday items
- Learn about basic electrical power and motors and gear system
- Build basic circuits
- Study basic elements of programming and instruction

Resources (\$7.95 each):

08431, *Junk Drawer Robotics Track Level 1- Give Robots a Hand* \$7.95
08432, *Junk Drawer Robotics Level 2 – Robots on the Move* \$7.95
08433, *Junk Drawer Robotics Level 3 – Mechatronics* \$9.95
08435, *4-H Robotics Youth Notebook* \$6.95

STEM LEADER

Resource: 08384, *The Power of the Wind Facilitator Guide* \$5.75

STEM WIND ENERGY

Resource: 08383, *The Power of the Wind Youth Guide* \$5.75

WAUPACA COUNTY 4-H LITERATURE ORDER FORM

Jenny Heise, Leaders' Association Treasurer, N2220 Bean City Road, New London, WI 54961



PAY TO THE ORDER OF
Waupaca County 4-H
Leaders' Association

ORDER NOW!
The Sooner
The Better

MAIL YOUR ORDER
To
Address Above!

Name: _____ Club: _____

PLEASE ORDER LITERATURE IN PROJECT ORDER.

Quantity	Lit. #	Literature Item Name	Project	Total
1	08054	Head, Heart, and Hooves (<i>SAMPLE ORDER</i>)	Horses	\$5.95
2	06844	Reaching New Heights (<i>SAMPLE ORDER</i>)	Aerospace	\$11.00
TOTAL COST				



PLEASE ORDER BY NOVEMBER 30



(Orders received after November 30th will be processed; however, there may be a delay in receiving materials.)