

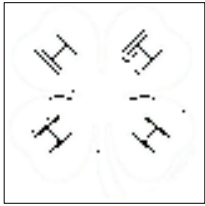
# 2010

**4-H Project Enrollment Guide &**



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# **Literature Order Form**



# 2010 Waupaca County 4-H Project Enrollment Guide (and literature order form)

***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 [www.uwex.edu/ces/4h/onlinpro/index.cfm](http://www.uwex.edu/ces/4h/onlinpro/index.cfm). 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 and any other project list you may receive from your county. Ask yourself if you have the equipment, money and time to do the projects that sound interesting.

Your club organizational leader will give you a form when you're ready to sign up for projects. You'll notice that each project has a computer code number assigned to it. Mark that code number on the form. (Don't use the "youth leader" project codes unless you're signing up as a youth leader for that project.)

Many projects have more than one level. If you've had a lot of experience in an area, you may want to skip the first or beginning level of a project. Individuals may advance through the project levels at different rates. Some projects also have grade requirements.

If this is your first year in 4-H, concentrate on doing only two or three projects well. Usually you can spend more than one year in a project unit because there are enough ideas there to span two or three years.

**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.) If you're a 4-H adult leader, some project code numbers are just for you. For example, if you're a leader for all of the Shooting Sports project units, use code 60300. If there are several units within a project and you're a leader for only one, then use the project code number for that unit. For example, if you're a Shooting Sports leader for just archery, use code 60310. You'll need to make more than one entry if you're a leader for more than one project unit. For example, if you're a Shooting Sports leader for archery *and* air pistol, use codes 60310 *and* 60320. Youth leader codes all end in a "9."

The **literature names and codes** are listed after each project description and are used when ordering literature on page 22.

## 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! Use the separate enrollment form to enroll in your projects and use the last page of this booklet to order any literature you may want. There is a sample enrollment form on page 4. If you have any questions you can ask your club Organizational Leader or call the UW-Extension office at (715) 258-6230.

1. **Check Info:** Please check all information printed on the re-enrollment sheet. If information is incorrect, or incomplete, please correct or fill in.
2. **Signatures:** General Leaders, parents and members must sign the enrollment form.
3. **Deadlines:** The deadline for 4-H Club General Leaders to turn in re-enrollment forms to the UWEX office is November 15. *(Earlier due dates are set by each club.)* **Re-enrollment forms received after November 15 will not be eligible to show in the current Junior Waupaca County Fair.** 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. County **dues of \$6.00** and the Behavior Agreement Form are also due at the time of enrollment. A **re-enrollment** is a youth enrolling who was a member any previous year. A **new enrollment** is a youth who is enrolling not having been a member any previous year.
4. **Cloverbuds:** Youth in Kindergarten, 1<sup>st</sup> grade, and 2<sup>nd</sup> grade enroll in 4-H as Cloverbuds (project code 10351). Cloverbud activities (including fair exhibits) are non-competitive. For safety reasons, cloverbuds may not work with an animal as part of their project work.
5. **3<sup>rd</sup> graders:** Need to enroll in Exploring (project code 10301) and can take one additional project – this can be an animal, **not** horse or beef. 3<sup>rd</sup> graders cannot sell in the large and small market animal sale. *(updated policy approved July 28, 2009)*
6. **4<sup>th</sup> graders:** 1<sup>st</sup> year members need to enroll in Exploring (project code 10301) and can take 2 additional projects (could be two animals) (updated policy approved July 28<sup>th</sup>, 2009). Reenrolling 4<sup>th</sup> grade members can take any projects.
7. **Number of projects:** It is suggested that 2<sup>nd</sup> year project members take no more than 3 projects, 3<sup>rd</sup> year project members take no more than 4 projects, 4<sup>th</sup> year project members take no more than 5 projects, 5<sup>th</sup> year project members take no more than 6 projects.
8. **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).
9. **Literature orders:** The last page of this book is a literature order form. 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.

### INSTRUCTIONS FOR FILLING OUT ENROLLMENT FORM (SEE SAMPLE ON NEXT PAGE)

**Members should double check the pre-printed information on re-enrollment forms and complete #4-12 as indicated below.** On **blank enrollment forms**, complete #1-3 as requested and #4-12 as listed below.

#4 – Complete parent information.

#5 – Check yes or no. If you indicate yes, the UWEX office would not give out your name or address as a part of a public mailing list; if no, your name, address, or telephone number needs to be given out if or when requested as a part of a public mailing list.

#6 – Check yes or no. Yes will allow the UWEX office to put a picture of you in the paper or in a display, etc. for publicity, education, or promotion of 4-H events. If you check no, the UWEX cannot use or publish your image or picture for publicity, education, or promotion of 4-H events.

#7 – Check yes or no. If you indicate yes, you will be contacted to discuss the accommodation process.

#8 – Additional Communication Information. The cell phone carrier is requested in regards to text messaging. Put N/A if this does not apply to you.

#9 – Project selection: Write the name of the project and the project code from your project guide.

#10-12 – The member, parent/guardian and leader should all sign the enrollment form.

**NOTE:** Adult **Leader Enrollment Forms** are different than the member forms. They contain the volunteer behavior expectations on the bottom of the form. No other behavior form is necessary for the adult leaders.





## LEADERSHIP

### **Organizational Leader** (club general leader)

_____	4H23, Say it With Posters .....	\$1.30
_____	4H350, Getting Started in 4-H Leadership.....	\$2.05
_____	4H351, Sing Along Songbook.....	\$5.80
_____	4H500, I'm a 4-H Project Leader: Now What Do I Do? (New 2001).....	\$3.35

**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)

### **10200 YOUTH LEADERSHIP LDR**

Resources:

07903, <i>Leadership Mentor Guide for Grades K-5(2003)</i>	\$4.95
07904, <i>Leadership Mentor Guide for Grades 6-12 (2003)</i>	\$4.95

Webpage: [4h.uwex.edu/onlinpro/leadership.cfm](http://4h.uwex.edu/onlinpro/leadership.cfm)

### **10201 YOUTH LEADERSHIP 1**

What you can do in this beginning project:

- Assess your leadership skills
- Practice effective communication skills
- Set goals and resolve conflict
- Plan a group event

Resource:

07905, <i>My Leadership Workbook for Grades 3-5(2003)</i>	\$3.95
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### **10202 YOUTH LEADERSHIP 2**

What you can do in this intermediate project:

- Explore how leaders are different
- Develop a multi-media presentation
- Set and achieve team goals
- Practice teamwork

Resource:

07906, <i>My Leadership Journal for Grades 6-8(2003)</i>	\$3.95
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### **10203 YOUTH LEADERSHIP 3**

What you can do in this advanced project:

- Build trust in a group
- Assess your own strengths and weaknesses
- Write vision and mission statements
- Contribute to a group project

Resource:

07907, <i>My Leadership Portfolio for Grades 9-12 (2003)</i>	\$3.95
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## YOUNGER MEMBERS

### **10300 EXPLORING LDR**

Resources:

08172, <i>Exploring Treasures of 4-H Helper's Guide(2005)</i>	\$9.75
06350, <i>Exploring Farm Animals Helper's Guide -</i>	\$3.95
<i>Waupaca County 4-H Exploring Leader Activities Packet</i>	\$1.75

Webpage: [4h.uwex.edu/onlinpro/exploring.cfm](http://4h.uwex.edu/onlinpro/exploring.cfm)

### **10301 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

Grades: 3-4

Resource: 08171, *Exploring the Treasures of 4-H (2005)* \$3.95  
*Waupaca County Exploring Folder (provided at no charge to every Explorer)*

### **10309 EXPLORING YTH LDR**

### **10350 CLOVERBUDS LDR**

Resources: 4H414, *Helping Youth Grow into 4-H* \$1.00  
05560, *4-H Discovery Program for 6-8 Yr. Olds* \$10.00

Webpage: [4h.uwex.edu/onlinpro/coverbuds.cfm](http://4h.uwex.edu/onlinpro/coverbuds.cfm)

### **10351 CLOVERBUDS**

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

Grade: Kindergarten – grade 2

Resources: 05561, *Cloverbuds – Activity Sheets* \$8.00  
05562, *Cloverbuds – Program Record* \$1.25  
05563, *Cloverbuds – Participation Summary* \$.50

### **10359 CLOVERBUDS YTH LDR**



## SERVICE LEARNING & CITIZENSHIP

### **10750 SERVICE LEARNING LDR**

Resource:

08184, <i>Service Learning Helper's Guide (2006)</i>	\$3.95
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Webpage: [4h.uwex.edu/onlinpro/ServiceLearning.cfm](http://4h.uwex.edu/onlinpro/ServiceLearning.cfm)

### **10751 SERVICE LEARNING 1**

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

Resource: 08182, *Agents of Change + CD (2006)* \$3.95

### **10752 SERVICE LEARNING 2**

What you can do in this project:

- Plan and implement your own service project
- Share your project plan and outcome with others
- Conduct an evaluation of your project

Resource: 08183, *Raise Your Voice + CD (2006)* \$3.95

### **10800 CITIZENSHIP LDR**

Resource: 08154, *Citizenship Guide's Handbook (2005)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/citizenship.cfm](http://4h.uwex.edu/onlinpro/citizenship.cfm)

## 10801 CITIZENSHIP

What you can do in this project:

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

Resource: 08153, *Citizenship Adventure Kit (2005)* \$6.25



## SELF-DETERMINED

### 10900 SELF-DETERMINED LDR

Webpage: [4h.uwex.edu/onlinpro/selfdetermined.cfm](http://4h.uwex.edu/onlinpro/selfdetermined.cfm)

### 10901 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* \$.65



## ANIMAL SCIENCES

### 20100 BEEF LDR

Resources: 08146, *Beef Helper's Guide (2005)* \$3.95  
117R, *Beef Resource Handbook (2003)* \$15.00

Webpage: [4h.uwex.edu/onlinpro/beef.cfm](http://4h.uwex.edu/onlinpro/beef.cfm)

### 20101 BEEF 1

What you can do in this beginning project:

- Identify various beef breeds
- Identify parts of a beef animal
- Halter-break and show a calf
- Fit and judge beef cattle
- Recognize and raise a healthy animal

Resources: 08143, *Bite Into Beef (2005)* \$3.95  
4H450, *Judging Breeding & Market Cattle* \$.85

### 20102 BEEF 2

What you can do in this intermediate project:

- 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 (2005)* \$3.95

### 20103 BEEF 3

What you can do in this advanced project:

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

Resources: 08145, *Leading the Charge (2005)* \$3.95

### 20109 BEEF YTH LDR

### 20150 DAIRY GOAT LDR

Resource: 08355, *Dairy Goat Helper's Guide* \$3.95

Webpage: [4h.uwex.edu/onlinpro/goats.cfm](http://4h.uwex.edu/onlinpro/goats.cfm)

## 20151 DAIRY GOAT 1

What you can do in this beginning project:

- Gain hands-on experiences in the goat project
- Select, manage, fit and show goats
- Learn responsible goat ownership

Resource: 08352, *Getting Your Goat (2006)* \$3.95

## 20152 DAIRY GOAT 2

What you can do in this intermediate project:

- 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 (2006)* \$3.95

## 20153 DAIRY GOAT 3

What you can do in this advanced project:

- 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

Resource: 08354, *Showing the Way (2006)* \$3.95

## 20159 DAIRY GOAT YTH LDR

### 20190 MEAT GOAT LDR

Resource: 07912, *Meat Goat Helper's Guide (2006)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/goats.cfm](http://4h.uwex.edu/onlinpro/goats.cfm)

### 20191 MEAT GOAT 1

What you can do in this beginning 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

Resource: 07909, *Just Browsing (2006)* \$3.95

### 20192 MEAT GOAT 2

What you can do in this intermediate project:

- Recognize meat goat diseases
- Select a veterinarian and purchase breeding stock
- Understand reproduction cycle and keep records
- Fit and show meat goats

Resource: 07910, *Get Growing with Meat Goats (2006)* \$3.95

### 20193 MEAT GOAT 3

What you can do in this advanced project:

- Learn to control diseases
- Understand bio-security and quality assurance
- Formulate rations
- Evaluate goat pastures

Resource: , *Meating the Future (2006)* \$3.95

## 20199 MEAT GOAT YTH LDR

## 20200 DAIRY LDR

Resource: 08164, *Dairy Helper's Guide (2005)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/dairy.cfm](http://4h.uwex.edu/onlinpro/dairy.cfm)

## 20201 DAIRY 1

What you can do in this beginning 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 (2005)* \$3.95

CANADA1, *Showmanship...Leading to Win (2003)* \$4.25

4H501, *Dairy Cattle Judging Made Easy – CD (2004)* \$25.00

## 20202 DAIRY 2

What you can do in this intermediate project:

- 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 (2005)* \$3.95

4H502, *The Rules are Black and White (2004)* Free

CANADA2, *Preparing to Lead (2003)* \$4.25

## 20203 DAIRY 3

What you can do in this advanced project:

- 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 (2005)* \$3.95

## 20209 DAIRY YTH LDR

## 20300 HORSE/HORSELESS HORSE LDR

Resources: 08058, *Horse Helper's Guide (2004)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/horses.cfm](http://4h.uwex.edu/onlinpro/horses.cfm)

## 20301 HORSE 1

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 (2004)* \$3.95

CO200, *Horses & Horsemanship(2000)* \$4.50

CO201, *Horse Science (2000)* \$4.50

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

## 20302 HORSE 2

What you can do in this project:

- 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 (2004)* \$3.95

## 20303 HORSE 3

What you can do in this project:

- 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 (2004)* \$3.95

## 20304 HORSE 4

What you can do in this project:

- Train a horse
- Practice a round-pen workout
- Learn English and Western style bridles
- Understand equitation and riding styles

Resource: 08056, *Riding the Range (2004)* \$3.95

## 20305 HORSE 5

What you can do in this project:

- 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 (2004)* \$3.95

## 20306 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
- Learn about horsemanship
- Explore judging and oral reasons
- Learn selection, training and showing
- Practice trail riding skills
- Explore horse breeding, genetics and heredity
- Understand horse diseases and prevention
- Learn about fencing, pasturing and housing
- Explore horse-related careers

Resource: 4H266, *Horses are Fun- Horseless Horse* \$1.50  
*Other literature the same as horse project*

## 20309 HORSE/HORSELESS HORSE YTH LDR

## 20381 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* \$1.50

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

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

## **20400 SWINE LDR**

Resources: 08068, *Swine Helper's Guide (2004)* \$3.95  
134R, *Swine Resource Handbook (2003)* \$15.00

Webpage: [4h.uwex.edu/onlinpro/swine.cfm](http://4h.uwex.edu/onlinpro/swine.cfm)

## **20401 SWINE 1**

What you can do in this beginning 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 (2004)* \$3.95  
4H412, *Judging Breeding & Market Swine* \$.85

## **20402 SWINE 2**

What you can do in this intermediate project:

- Make a swine health care plan
- Identify diseases
- Assemble tack and pack a show box
- Complete a plan for a new pork product

Resources: 08066, *Putting the Oink in the Pig (2004)* \$3.95

## **20403 SWINE 3**

What you can do in this advanced project:

- 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 (2004)* \$3.95

## **20409 SWINE YTH LDR**

## **20500 POULTRY LDR**

Resource: 06366, *Poultry Helper's Guide (2001)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/poultry.cfm](http://4h.uwex.edu/onlinpro/poultry.cfm)

## **20501 POULTRY 1**

What you can do in this beginning 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 (2001)* \$3.95  
CIR878, *From Egg to Chick* \$8.20

## **20502 POULTRY 2**

What you can do in this intermediate project:

- 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 (2001)* \$3.95  
4H281, *Poultry for Fun & Food* \$1.00  
A2880, *Chicken Breeds & Varieties* \$1.55

## **20503 POULTRY 3**

What you can do in this advanced project:

- Organize a judging clinic
- Manage a laying flock
- Discover qualities of eggs
- Handle poultry products safely
- Process a chicken

Resources: 06365, *Flocking Together (2001)* \$3.95

## **20504 WATERFOWL**

What you can do in this project:

- Learn about waterfowl breeds and parts
- Handle waterfowl properly
- Select and prepare waterfowl for market
- Incubate and exhibit waterfowl

Resources: A3311, *Raising Waterfowl* \$4.50

## **20505 TURKEYS**

What you can do in this project:

- Learn about buying poultry
- Prepare a brooding area
- Raise range turkeys
- Feed and water turkeys
- Identify diseases

Resources: NCR060, *Small Turkey Flock Management* \$1.00

## **20506 BANTAMS**

What you can do in this project:

- Discover bantam breeds and breed characteristics
- Learn how to get started raising bantams
- Select and mate bantams
- Incubate and rear their young
- Fit and show bantams

Resources: NCR209, *Bantams* \$1.60

## **20507 PIGEONS**

What you can do in this project:

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

Resource: 4H135, *Pigeons* \$1.15

## **20509 POULTRY YTH LDR**

## **20600 SHEEP LDR**

Resources: 06370, *Sheep Helper's Guide* \$3.95  
194R, *Sheep Resource Handbook (2003)* \$14.25

Webpage: [4h.uwex.edu/onlinpro/sheep.cfm](http://4h.uwex.edu/onlinpro/sheep.cfm)

## **20601 SHEEP 1**

What you can do in this beginning 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* \$3.95  
4H421, *Judging Breeding & Market Sheep* \$.85

## 20602 SHEEP 2

What you can do in this intermediate project:

- Learn to identify sheep parasites
- Promote meat safety
- Judge wool
- Diagnose sheep diseases
- Use medications safely
- Explore careers

Resources: 06368, *Shear Delight* \$3.95

## 20603 SHEEP 3

What you can do in this advanced project:

- 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* \$3.95

## 20609 SHEEP YTH LDR

### 20650 CATS LDR

Resource: 08151, *Cat Helper's Guide* (2005) \$3.95

Webpage: [4h.uwex.edu/onlinpro/cats.cfm](http://4h.uwex.edu/onlinpro/cats.cfm)

### 20651 CATS 1

What you can do in this beginning project:

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

Resource: 08148, *Purr-fect Pals* (2005) \$3.95

### 20652 CATS 2

What you can do in this intermediate project:

- 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!* (2005) \$3.95

### 20653 CATS 3

What you can do in this advanced project:

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

Resource: 08150, *Leaping Forward* (2005) \$3.95

## 20659 CATS YTH LDR

### 20700 DOGS LDR

Resources: 08169, *Dog Helper's Guide* (2005) \$3.95

4H458, *4-H Dog Judging Guidelines* (2000) \$1.00

Webpage: [4h.uwex.edu/onlinpro/dogs.cfm](http://4h.uwex.edu/onlinpro/dogs.cfm)

## 20701 DOGS 1

What you can do in this beginning 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* (2005) \$3.95

4H436, *The Basics of Training Your Dog*(2000)\$1.15

## 20702 DOGS 2

What you can do in this intermediate project:

- 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* (2005) \$3.95

4H439, *Dog Obedience – Novice & Beyond* \$1.65

## 20703 DOGS 3

What you can do in this advanced project:

- Investigate responsible breeding
- Care for geriatric dogs
- Train service dogs
- Explore careers related to dogs

Resources: 08168, *Leading the Pack* (2005) \$3.95

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

## 20709 DOGS YTH LDR

### 20750 RABBITS LDR

Resource: 08083, *Rabbit Helper's Guide* (2004) \$3.95

Webpage: [4h.uwex.edu/onlinpro/rabbits.cfm](http://4h.uwex.edu/onlinpro/rabbits.cfm)

### 20751 RABBITS 1

What you can do in this beginning project:

- Learn about selecting and handling rabbits
- Identify rabbit breeds and body parts
- Explore health issues and feeding

Resource: 08080, *What's Hoppening?* (2004) \$3.95

### 20752 RABBITS 2

What you can do in this intermediate project:

- Learn to select show rabbits
- Give oral reasons and judge rabbits
- Learn to tattoo
- Detect diseases
- Keep records of animals

Resource: 08081, *Making Tracks* (2004) \$3.95

### 20753 RABBITS 3

What you can do in this advanced project:

- Learn about breeding and genetics
- Design a rabbitry
- Market rabbits
- Learn about disease prevention and rabbit registration

Resource: 08082, *All Ears* (2004) \$3.95

## 20759 RABBITS YTH LDR

## 20800 VETERINARY SCIENCE LDR

Resources:

08051, *Veterinary Science Helper's Guide (2004)* \$3.95

4H192, *Veterinary Science* \$3.95

4H323, *The Normal Animal - Leader's Guide* \$1.50

Webpage: [4h.uwex.edu/onlinpro/vetscience.cfm](http://4h.uwex.edu/onlinpro/vetscience.cfm)

## 20801 VETERINARY SCIENCE 1

What you can do in this beginning project:

- Learn different breeds of animals
- Interpret animal behavior
- Identify feed nutrients
- Describe animal life stages and systems

Resources: 08048, *From Airedales to Zebras (2004)* \$3.95

4H334, *Adventure Notebook* \$2.55

4H131, *The Normal Animal* \$7.60

## 20802 VETERINARY SCIENCE 2

What you can do in this intermediate project:

- 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 (2004)* \$3.95

4H048, *Animal Disease* \$8.00

## 20803 VETERINARY SCIENCE 3

What you can do in this advanced project:

- 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 (2004)* \$3.95

4H133, *Animal Health* \$8.90

## 20809 VETERINARY SCIENCE YTH LDR

## 20900 PETS LDR

Resource: 06362, *Pet Helper's Guide (2001)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/pets.cfm](http://4h.uwex.edu/onlinpro/pets.cfm)

## 20901 PETS 1

What you can do in this beginning project:

- Explore your favorite pet or select a pet
- Identify pet body parts
- Learn to provide a safe environment
- **Indicate your type of pet on your enrollment form**

Resource: 06359, *Pet Pals (2001)* \$3.95

## 20902 PETS 2

What you can do in this intermediate project:

- Explore animal digestion and feeding
- Shop for pet supplies
- Determine the animal's sex and proper health
- Study pet behavior and communication
- **Indicate your type of pet on your enrollment form**

Resource: 06360, *Scurrying Ahead (2001)* \$3.95

## 20903 PETS 3

What you can do in this advanced project:

- Explore pet products
- Teach others about pets
- Understand how genetics work
- Explore animal welfare issues
- **Indicate your type of pet on your enrollment form**

Resource: 06361, *Scaling the Heights (2001)* \$3.95

## 20909 PETS YTH LDR



## ARTS & COMMUNICATION

## 30000 PHOTOGRAPHY LDR

Webpage: [4h.uwex.edu/onlinpro/photography.cfm](http://4h.uwex.edu/onlinpro/photography.cfm)

## 30001 PHOTOGRAPHY 1

What you can do in this beginning project:

- Explore the camera and learn to use it properly
- Learn the basics of lighting and composition
- Shoot photos that tell a story

Resource: PC1, *Focus on Photography (2007)* \$5.95

## 30002 PHOTOGRAPHY 2

What you can do in this intermediate project:

- Learn about camera adjustments
- Learn about film speed, shutter speed and aperture
- Take silhouettes, candid, action shots and others

Resource: PC2, *Controlling the Image (2007)* \$5.95

## 30003 PHOTOGRAPHY 3

What you can do in this advanced project:

- 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 (2007)* \$5.95

## 30005 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* \$1.25

## 30009 PHOTOGRAPHY YTH LDR

## 30100 COMMUNICATIONS LDR

Resources:

08159, *Communications Helper's Guide (2006)* \$3.95

COMM04, *Voices From the Past (2000)* \$4.00

COMM05, *It's All in the Family (2000)* \$5.15

COMM07, *Communication Activities for 4-H Clubs (2000)* \$6.65

Webpage: [4h.uwex.edu/onlinpro/communications.cfm](http://4h.uwex.edu/onlinpro/communications.cfm)

### 30101 COMMUNICATIONS 1

What you can do in this beginning 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* (2006) \$3.95

### 30102 COMMUNICATIONS 2

What you can do in this intermediate project:

- Learn to become a confident communicator
- Present oral reasons, plan and present speeches
- Practice making good first impressions

Resource: 08157, *Putting It Together* (2006) \$3.95

### 30103 COMMUNICATIONS 3

What you can do in this advanced project:

- Polish your communication skills
- Explore communication careers
- Write résumés and interview for a job

Resource: 08158, *The Perfect Fit* (2006) \$3.95

### 30109 COMMUNICATIONS YTH LDR

### 30121 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* (2000) \$4.70

COMM06, *4-H Public Speaking Opportunities* (2000) \$4.00

### 30141 CREATIVE WRITING

What you can do in this project:

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

Resources:

COMM01, *Creative Wordworking* (2000) \$4.95

COMM03, *Crazy About Books Reading Circle* (2000) \$4.00

### 30300 ARTS & CRAFTS LDR

Resource: 07597, *Arts & Crafts – A Palette of Fun* (2001) \$15.00

Webpage: [4h.uwex.edu/onlinpro/artscrafts.cfm](http://4h.uwex.edu/onlinpro/artscrafts.cfm)

### 30301 ART 1

What you can do in this beginning project

- Learn art through cutting, pasting and drawing
- Explore sculpting and constructing with fibers
- Paint and print using different materials

Resources:

23112, *Elements & Principles of Design Card* (2001) \$5.00

4H472, *Palette of Fun Member Sheet & Introduction* \$.85

### 30302 ART 2

What you can do in this advanced project:

- Explore art techniques, culture and history of art
- Learn artistic challenges in drawing, fiber arts and sculpting
- Develop graphic design techniques

Resources:

08140, *Advanced Visual Arts: Sketchbook Crossroads* (2005) \$7.50

08141, *Advanced Visual Arts: Portfolio Pathways* (2005) \$7.50

### 30309 ARTS & CRAFTS YTH LDR

When members enroll in 30301 or 30302 (Art 1 or 2) they are encouraged to learn about and are eligible to enter items in the Waupaca County Fair in any of the following areas in this box.

#### 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, *Leathercraft Members Guide* \$2.30

CIR006, *Leathercraft Leaders Guide* \$.85

Webpage: [4h.uwex.edu/onlinpro/leathercraft.cfm](http://4h.uwex.edu/onlinpro/leathercraft.cfm)

#### STENCIL PAINTING

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

#### BLOCK PRINTING

What you can do in this project:

- Design and cut blocks from different materials
- Print designs on cloth and paper
- Create your own original designs

Resource: 4H156, *Block Printing Member Guide* \$2.10

CIR008, *Block Printing Leader Guide* \$.15

Webpage: [4h.uwex.edu/onlinpro/blockprinting.cfm](http://4h.uwex.edu/onlinpro/blockprinting.cfm)

#### METAL ENAMELING

What you can do in this project:

- Try enameling earrings, pins and other jewelry
- Learn to attach fasteners
- Create original designs and patterns

Resource: 4H158, *Metal Enameling Members Guide* \$1.25

CIR009, *Metal Enameling Leader Guide* \$1.00

Webpage: [4h.uwex.edu/onlinpro/metalenameling.cfm](http://4h.uwex.edu/onlinpro/metalenameling.cfm)

#### MACRAMÉ

*Waupaca County Macramé for Beginners*.....\$.65

*Waupaca County Create with Macramé*.....\$1.30

**BASKETRY** – no 4-H literature available

**CREATIVE/CROSS STITCHERY**– no 4-H literature available

#### CERAMICS

*Waupaca County Ceramics Literature* \$.80

#### LATINO CULTURAL ARTS

What you can do in this project:

- 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* (2005) \$9.75

Webpage: [4h.uwex.edu/onlinpro/LatinoCulturalArts.cfm](http://4h.uwex.edu/onlinpro/LatinoCulturalArts.cfm)

### 30351 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, oil and acrylics
- Mat and frame your artwork

Resource: 4H169, *Drawing & Painting* \$1.95

### 30400 FOLK ARTS LDR

Resource: NCR534, *Folk Arts Leader Guide* \$25.00

Webpage: [4h.uwex.edu/onlinpro/folkarts.cfm](http://4h.uwex.edu/onlinpro/folkarts.cfm)

### 30401 FOLK ARTS

What you can do in this project:

- Explore traditional folk arts
- Learn more from your family and community
- Learn storytelling
- Decorate eggs and make baskets

### 30700 THEATRE ARTS LDR

Resource: 08073, *Theatre Arts Helper's Guide (2004)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/theatre.cfm](http://4h.uwex.edu/onlinpro/theatre.cfm)

### 30701 THEATRE ARTS 1

What you can do in this project:

- Study acting, sound, movement, voice and speech
- Learn different ways to play a scene
- Try pantomime, clowning and improvisation

Resource: 08070, *Play the Role (2004)* \$3.95

### 30702 THEATRE ARTS 2

What you can do in this project:

- 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! (2004)* \$3.95

### 30703 THEATRE ARTS 3

What you can do in this project:

- 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 (2004)* \$3.95

### 30709 THEATRE ARTS YTH LDR

### 30711 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* \$.90

### 30760 MUSIC LDR

Resource: 4H351, *Sing Along Songbook* \$5.80

Webpage: [4h.uwex.edu/onlinpro/Music.cfm](http://4h.uwex.edu/onlinpro/Music.cfm)

### 30761 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* (free at <http://www.extension.iastate.edu/Publications/4H620MP.pdf>)

### 30769 MUSIC YTH LDR

### 30800 COMPUTERS LDR

Resource: 08349, *Teens Teaching Tech (2008)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/computer.cfm](http://4h.uwex.edu/onlinpro/computer.cfm)

### 30801 COMPUTERS 1

What you can do in this beginning project:

- Learn about hardware, software and components
- Explore how computers work
- Learn the various programs and their features
- Visit the project's interactive website

Resource: 08346, *Newbie Know How (2008)* \$3.95

### 30802 COMPUTERS 2

What you can do in this intermediate project:

- Build and repair a computer
- Identify the components and how they work together
- Learn to upgrade and create connections
- Install operating systems

Resource: 08347, *Inside the Box (2008)* \$3.95

### 30803 COMPUTERS 3

What you can do in this advanced project:

- Discover how to create and manage networks
- Make decisions about network management
- Explore security issues and troubleshooting

Resource: 08348, *Peer to Peer (2008)* \$3.95

### 30809 COMPUTERS YTH LDR



## FAMILY, HOME & HEALTH

### 40000 INTERGENERATIONAL PROGRAMS LDR

Resource: NCR548, *Walk in My Shoes Leader Guide* \$7.60

Webpage: [4h.uwex.edu/onlinpro/intergenerational.cfm](http://4h.uwex.edu/onlinpro/intergenerational.cfm)

### 40001 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* \$7.60

## **40100 CHILD DEVELOPMENT LDR**

Resource: 08078, *Child Development Helper (2004)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/childdev.cfm](http://4h.uwex.edu/onlinpro/childdev.cfm)

## **40101 CHILD DEVELOPMENT 1**

What you can do in this beginning project:

- Find out how you grow and develop
- Learn about the development of babies and toddlers
- Learn how to make toys safe for small children

Resource: 08075, *Growing On My Own (2004)* \$3.95

## **40102 CHILD DEVELOPMENT 2**

What you can do in this intermediate project:

- 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
- Check for safety hazards

Resource: 08076, *Growing With Others (2004)* \$3.95

## **40103 CHILD DEVELOPMENT 3**

What you can do in this advanced project:

- 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 (2004)* \$3.95

## **40109 CHILD DEVELOPMENT YTH LDR**

## **40200 CLOTHING LDR**

Resource: 08063, *Sewing Helper's Guide (2004)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/clothing.cfm](http://4h.uwex.edu/onlinpro/clothing.cfm)

## **40201 CLOTHING 1**

What you can do in this beginning project:

- 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
- Donate a sewing project

Resources: 08060, *Under Construction (2004)* \$3.95

07198, *Let's Sew! Beginner's Sewing Guide* \$7.25

## **40202 CLOTHING 2**

What you can do in this intermediate project:

- Identify types of fabric constructions
- Sew different buttonholes and seam finishes
- Use pressing tools and thread a serger
- Research different laundry products

Resource: 08061, *Fashion Forward (2004)* \$3.95

## **40203 CLOTHING 3**

What you can do in this advanced project:

- Use specialized sewing tools or equipment
- Combine patterns to create a design
- Design and embellish a garment
- Use a computer to print on fabric

Resource: 08062, *Refine Design (2004)* \$3.95

## **40209 CLOTHING YTH LDR**

## **40300 CROCHETING LDR**

Webpage: [4h.uwex.edu/onlinpro/crocheting.cfm](http://4h.uwex.edu/onlinpro/crocheting.cfm)

## **40301 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

## **40309 CROCHETING YTH LDR**

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

## **40400 FOODS & NUTRITION LDR**

Resource: 07730, *Foods Helper's Guide (2002)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/foodsnutrition.cfm](http://4h.uwex.edu/onlinpro/foodsnutrition.cfm)

## **40401 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
- Fix pizza, pancakes, fruit kabobs and granola bars
- Explore why calcium is important to our bodies
- Understand TV commercial messages about food

Resource: 07144, *Six Easy Bites (2003)* \$4.25

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

## **40402 FOODS & NUTRITION 2**

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

- Make main dishes, e.g., meatballs, pasta and salads
- Learn to make basic muffins and biscuits
- Learn to change recipes
- Reduce fat content in recipes
- Discover how to store fruit and vegetables

Resource: 07146, *Tasty Tidbits (2003)* \$4.25

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

## **40403 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
- Make baked chicken, breadsticks and stir-fried vegetables

Resource: 07148, *You're the Chef (2003)* \$4.25

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

## **40404 FOODS & NUTRITION 4**

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

- Learn how to make jelly, bake fish and marinate meat
- Conduct a food activity with young children
- Learn to divide recipes and make substitutions
- Plan menus on a budget

Resource: 07150, *Foodworks (2003)* \$4.25

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

## **40409 FOODS & NUTRITION YTH LDR**

### **40650 PERSONAL FINANCE LDR**

Resource: 07712, *Financial Helper's Guide (2007)* \$4.25

Webpage: [4h.uwex.edu/onlinpro/finance.cfm](http://4h.uwex.edu/onlinpro/finance.cfm)

### **40651 PERSONAL FINANCE 1**

What you can do in this project aimed at grades 7-9:

- 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
- Survey and select financial services

Resource: 07710, *Money FUNdamentals (2007)* \$3.95

07711, *Money Moves (2007)* \$3.95

### **40660 ENTREPRENEURSHIP LDR**

Resource: 08036, *Entrepreneurship Helper's Guide* \$3.95

Webpage: [4h.uwex.edu/onlinpro/entrepreneur.cfm](http://4h.uwex.edu/onlinpro/entrepreneur.cfm)

### **40661 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)* \$9.75

### **40670 WORKFORCE READINESS LDR**

Resource: 08192, *Workforce Helper's Guide (2006)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/workforce.cfm](http://4h.uwex.edu/onlinpro/workforce.cfm)

### **40671 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
- Create job scenarios
- Recognize your learning styles and personal qualities

Resource: 08191, *Get in the Act! Take 1 (with CD) (2006)* \$6.00

### **40700 HOME ENVIRONMENT LDR**

Webpage: [4h.uwex.edu/onlinpro/homeenv.cfm](http://4h.uwex.edu/onlinpro/homeenv.cfm)

### **40701 HOME ENVIRONMENT 1**

What you can do in this beginning 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: 4H425, *Exploring Your Home* \$1.50

### **40702 HOME ENVIRONMENT 2**

What you can do in this intermediate project:

- 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: 4H426, *Living With Others* \$1.50

### **40703 HOME ENVIRONMENT 3**

What you can do in this intermediate project:

- 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 and restore furniture

Resource: 4H427, *Where I Live* \$1.80

### **40704 HOME ENVIRONMENT 4**

What you can do in this advanced project:

- Focus on the application of design fundamentals
- Learn about purchasing furnishings for the home
- Restore or make a heritage item

Resource: 4H465, *In My Home* \$1.80

### **40709 HOME ENVIRONMENT YTH LDR**

### **40800 KNITTING LDR**

Webpage: [4h.uwex.edu/onlinpro/knitting.cfm](http://4h.uwex.edu/onlinpro/knitting.cfm)

### **40801 KNITTING**

What you can do in this project:

- 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)* \$4.90

### **40809 KNITTING YTH LDR**

### **40850 CONSUMER SAVVY LDR**

Resource: 08033, *Consumer Savvy Helper (2004)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/consumersavvy.cfm](http://4h.uwex.edu/onlinpro/consumersavvy.cfm)

### **40851 CONSUMER SAVVY 1**

What you can do in this beginning 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

Resource: 08030, *The Consumer in Me (2004)* \$3.95

### **40852 CONSUMER SAVVY 2**

What you can do in this intermediate project:

- Identify your personal spending values
- Understand advertising appeal and its affects
- See how peer pressure can influence your purchases
- Understand the risks of shopping on the Internet

Resource: 08031, *Consumer Wise (2004)* \$3.95

### **40853 CONSUMER SAVVY 3**

What you can do in this advanced project:

- Define consumer responsibilities and ethics
- Understand your consumer rights
- Use comparison shopping techniques
- Understand the costs of owning a vehicle

Resource: 08032, *Consumer Roadmap (2004)* \$3.95

### **40859 CONSUMER SAVVY YTH LDR**

## 40900 HEALTH LDR

Webpage: [4h.uwex.edu/onlinpro/health.cfm](http://4h.uwex.edu/onlinpro/health.cfm)

### 40901 HEALTH 1

What you can do in this beginning 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 (2005)* \$3.95

### 40902 HEALTH 2

What you can do in this intermediate project:

- Identify your personal talent areas in health care
- Explore hygiene, nutrition and physical activities
- Share what you learn with others

Resource: 08175, *Staying Healthy (2005)* \$3.95

### 40903 HEALTH 3

What you can do in this advanced project:

- Design your own fitness plan
- Track your plan and review your progress
- Interview individuals in the health and fitness fields

Resource: 08176, *Keeping Fit (2005)* \$3.95

## 40909 HEALTH YTH LDR



## MECHANICAL SCIENCES

### 50000 AEROSPACE LDR

Resource: 06846, *Aerospace Helper's Guide (2003)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/aerospace.cfm](http://4h.uwex.edu/onlinpro/aerospace.cfm)

### 50001 AEROSPACE 1

What you can do in this beginning project:

- Build an introductory level rocket
- Compare birds and airplanes
- Make a space helmet

Resource: 06842, *Pre-Flight (2003)* \$3.30

### 50002 AEROSPACE 2

What you can do in this beginning/intermediate 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 (2003)* \$3.95

### 50003 AEROSPACE 3

What you can do in this intermediate project:

- Build, exhibit and launch model rockets
- Test a paper hang glider
- Make a flight simulator
- Organize a kite-flying contest

Resource: 06844, *Reaching New Heights (2003)* \$3.95

## 50004 AEROSPACE 4

What you can do in this advanced project:

- 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 (2003)* \$3.95

## 50009 AEROSPACE YTH LDR

### 50200 BICYCLING LDR

Resources: 08336, *Bicycle Helper's Guide (2006)* \$3.95

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

Webpage: [4h.uwex.edu/onlinpro/bicycling.cfm](http://4h.uwex.edu/onlinpro/bicycling.cfm)

### 50201 BICYCLING 1

What you can do in this beginning project:

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

Resource: 08334, *Bicycling for Fun (2006)* \$3.95

### 50202 BICYCLING 2

What you can do in this intermediate project:

- Choose a bike that's right for you
- Practice bike maintenance
- Learn road rules

Resource: 08335, *Wheels in Motion (2006)* \$3.95

### 50300 ELECTRICITY LDR

Resource: 06852, *Electricity Helper's Guide (2003)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/electricity.cfm](http://4h.uwex.edu/onlinpro/electricity.cfm)

### 50301 ELECTRICITY 1

What you can do in this beginning project:

- 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)* \$3.95

### 50302 ELECTRICITY 2

What you can do in this intermediate project:

- Work with electrical equipment
- Learn to read circuit diagrams
- Build a circuit and measure voltages
- Communicate in Morse code

Resource: 06849, *Investigating Electricity (2003)* \$3.95

### 50303 ELECTRICITY 3

What you can do in this intermediate project:

- 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)* \$3.95

### **50304 ELECTRICITY 4**

What you can do in this advanced 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* (2003) \$3.95

### **50309 ELECTRICITY YTH LDR**

### **50370 GEOSPATIAL LDR**

Webpage: [4h.uwex.edu/onlinpro/geospatial.cfm](http://4h.uwex.edu/onlinpro/geospatial.cfm)

### **50371 GEOSPATIAL 1**

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: CD8358, *Exploring Spaces, Going Places CD* ("Getting Out" section) (2006) \$15.00

### **50372 GEOSPATIAL 2**

What you can do in this project:

- Learn how to collect data
- Combine data with geographical positions
- Make maps of home, neighborhood and community

Resource: CD8358, *Exploring Spaces, Going Places CD* ("On the Trail" section)

### **50373 GEOSPATIAL 3**

What you can do in this project:

- Use multi-layered maps to attempt to solve problems
- Find ways to reduce traffic congestion
- Pinpoint pollution sources

Resource: CD8358, *Exploring Spaces, Going Places CD* ("Reaching Your Destination" section)

### **50500 SMALL ENGINES LDR**

Resource: 08189, *Small Engines Helper's Guide* (2005) \$3.95

Webpage: [4h.uwex.edu/onlinpro/engine.cfm](http://4h.uwex.edu/onlinpro/engine.cfm)

### **50501 SMALL ENGINES 1**

What you can do in this beginning 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!* (2005) \$3.95

### **50502 SMALL ENGINES 2**

What you can do in this intermediate project:

- Explore the internal parts of engines
- Learn about engine sizes and safety issues
- Explore different jobs related to small engines

Resource: 08187, *Warm It Up!* (2005) \$3.95

### **50503 SMALL ENGINES 3**

What you can do in this advanced 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!* (2005) \$3.95

### **50509 SMALL ENGINES YTH LDR**

### **50600 SCALE MODELS LDR**

Webpage: [4h.uwex.edu/onlinpro/scalemodels.cfm](http://4h.uwex.edu/onlinpro/scalemodels.cfm)

### **50601 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* \$.35

### **50609 SCALE MODELS YTH LDR**

### **50700 TRACTORS LDR**

Webpage: [4h.uwex.edu/onlinpro/tractors.cfm](http://4h.uwex.edu/onlinpro/tractors.cfm)

### **50701 TRACTORS 1**

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) \$5.00

### **50702 TRACTORS 2**

What you can do in this project:

- Practice farm and tractor safety
- Understand the mechanics of engines
- Identify accessory equipment
- Learn the functions of different operational systems

Grades: 5-6 (little or no experience)

Resource:

4H962, *Tractor Operations: Gearing Up for Safety* (2006) \$5.00

### **50703 TRACTORS 3**

What you can do in this project:

- 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) \$5.00

### **50704 TRACTORS 4**

What you can do in this project:

- 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) \$5.00

## **50800 WOODWORKING LDR**

Resource: 06879, *Woodworking Helper's Guide (2003)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/wood.cfm](http://4h.uwex.edu/onlinpro/wood.cfm)

## **50801 WOODWORKING 1**

What you can do in this beginning project:

- Learn safety practices when working with wood and tools
- Use various hand tools, e.g., hammer and saw
- Identify types of nails and wood
- Sand and paint a piece of wood

Resource: 06875, *Measuring Up (2003)* \$3.95

## **50802 WOODWORKING 2**

What you can do in this intermediate project:

- Identify functions of various tools
- Practice safety techniques
- Select a project to build, e.g., birdhouse or foot stool
- Use a screwdriver and combination square

Resource: 06876, *Making the Cut (2003)* \$3.95

## **50803 WOODWORKING 3**

What you can do in this intermediate project:

- Compare different types of hinges
- Enlarge scale-drawn woodworking plans
- Use a hand plane and build a laminated cutting board
- Compare different grades of plywood

Resource: 06877, *Nailing It Together (2003)* \$3.95

## **50804 WOODWORKING 4**

What you can do in this advanced project:

- Use a table saw, router, powered circular saw and sander
- Learn to make more difficult joints
- Create inlays and overlays
- Test various adhesives

Resource: 06878, *Finishing Up (2003)* \$3.95

## **50809 WOODWORKING YTH LDR**



## **NATURAL RESOURCES & ENVIRONMENTAL EDUCATION**

### **60000 EXPLORING YOUR ENVIRONMENT LDR**

Resources:

07707, *Exploring Your Environment Helper's Guide (2008)* \$4.25

PUB-CE-456, *Education Connection* FREE

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

Webpage: [4h.uwex.edu/onlinpro/environment.cfm](http://4h.uwex.edu/onlinpro/environment.cfm)

### **60001 EXPLORING YOUR ENVIRONMENT 1**

What you can do in this beginning project:

- 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

Resource: 07704, *Eco-Wonders (2008)* \$4.25

### **60002 EXPLORING YOUR ENVIRONMENT 2**

What you can do in this intermediate project:

- Explore wildlife habitats and tracking
- Learn about groundwater
- Research pollination and how it works

Resource: 07705, *Eco-Adventures (2008)* \$4.25

### **60003 EXPLORING YOUR ENVIRONMENT 3**

What you can do in this advanced project:

- Explore the world of biotechnology
- Learn the features of insect creatures
- Begin to understand biodiversity
- Learn what climate has to do with the way we live

Resource: 07706, *Eco-Actions (2008)* \$4.25

### **60005 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* \$3.10

Webpage: [4h.uwex.edu/onlinpro/wildflowers.cfm](http://4h.uwex.edu/onlinpro/wildflowers.cfm)

### **60009 EXPLORING YOUR ENVIRONMENT YTH LDR**

### **60050 FORESTRY LDR**

Resource: 08041, *Forestry Helper's Guide (2004)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/forestry.cfm](http://4h.uwex.edu/onlinpro/forestry.cfm)

### **60051 FORESTRY 1**

What you can do in this beginning 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 (2004)* \$3.95

### **60052 FORESTRY 2**

What you can do in this intermediate project:

- Learn how trees move water from soil to canopy
- Diagram a leaf
- Understand major forest changes and their impact
- Select tree planting sites

Resource: 08039 *Reach for the Canopy (2004)* \$3.95

### **60053 FORESTRY 3**

What you can do in this advanced project:

- 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 (2004)* \$3.95

### **60100 ADVENTURES LDR**

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

Webpage: [4h.uwex.edu/onlinpro/adventures.cfm](http://4h.uwex.edu/onlinpro/adventures.cfm)

## 60101 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* \$4.65

## 60102 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* \$3.35

Webpage: [4h.uwex.edu/onlinpro/wintertravel.cfm](http://4h.uwex.edu/onlinpro/wintertravel.cfm)

## 60103 CANOEING

What you can do in this project:

- 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

Webpage: [4h.uwex.edu/onlinpro/canoeing.cfm](http://4h.uwex.edu/onlinpro/canoeing.cfm)

## 60104 ADVENTURES BICYCLING

What you can do in this project:

- 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

Webpage: [4h.uwex.edu/onlinpro/bicyclingnr.cfm](http://4h.uwex.edu/onlinpro/bicyclingnr.cfm)

## 60109 ADVENTURES YTH LDR

## 60120 BACKPACKING & HIKING LDR

Resource: 08046 *Outdoor Adventures Helper (2004)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/backpacking.cfm](http://4h.uwex.edu/onlinpro/backpacking.cfm)

## 60121 BACKPACKING & HIKING 1

What you can do in this beginning project:

- Plan a day hike, select items and 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 (2004)* \$3.95

## 60122 BACKPACKING & HIKING 2

What you can do in this intermediate project:

- 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 (2004)* \$3.95

## 60123 BACKPACKING & HIKING 3

What you can do in this advanced project:

- 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 (2004)* \$3.95

## 60200 ENTOMOLOGY (INSECTS) LDR

Resource: 06856, *Entomology Helper's Guide (2003)* \$3.95

Webpage: [4h.uwex.edu/onlinpro/entomology.cfm](http://4h.uwex.edu/onlinpro/entomology.cfm)

## 60201 ENTOMOLOGY (INSECTS) 1

What you can do in this beginning project:

- 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

Resource: 06853, *Creepy Crawlies (2003)* \$3.95

## 60202 ENTOMOLOGY (INSECTS) 2

What you can do in this intermediate project:

- Learn how an insect protects itself
- Explore insect habitats
- Create an insect display
- Build an insect extractor
- Investigate entomology careers

Resource: 06854, *What's Bugging You? (2003)* \$3.95

## 60203 ENTOMOLOGY (INSECTS) 3

What you can do in this advanced project:

- Raise and study mealworms and mosquitoes
- Observe a colony of ants
- Make an insect identification key
- Record and collect aquatic insects
- Explore various gardens and habitats

Resource: 06855, *Dragons, Houses, & Other Flies* \$3.95

## 60209 ENTOMOLOGY YTH LDR

## 60300 SHOOTING SPORTS LDR

Resource: 4H428, *4-H Shooting Sports Program...* \$2.35

Webpage: [4h.uwex.edu/onlinpro/shooting/index.cfm](http://4h.uwex.edu/onlinpro/shooting/index.cfm)

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**

### **60309 SHOOTING SPORTS YTH LDR**

#### **60310 ARCHERY LDR**

Resource: 4H429, *Basic Archery* \$5.95

#### **60311 ARCHERY**

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

Grades: 3-12

#### **60320 AIR PISTOL LDR**

Resource: 4H431, *Basic Air Pistol* \$4.10

#### **60321 AIR PISTOL**

What you can do in this project:

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

Grades: 3-12

#### **60330 RIFLE LDR**

Resource: 4H432, *Basic Rifle* \$6.10

#### **60331 RIFLE**

What you can do in this project:

- Introduction to air rifle and .22 rifle through dry firing
- Learn to sight your rifle and score targets
- Learn various shooting positions
- Learn safety policies and procedures

Grades: 3-12 for air rifle

Ages: 12 years old and above for .22 rifle

#### **60340 HUNTING LDR**

Resource: 4H434A, *Basic Hunting* \$6.40

#### **60341 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

Grades: 3-12

#### **60350 SHOTGUN LDR**

Resource: 4H433, *Basic Shotgun* \$5.90

#### **60351 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: 12 years old and above

#### **60360 MUZZLELOADING LDR**

Resource: 4H430, *Basic Muzzleloading* \$4.75

#### **60361 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: 12 years old and above

#### **60451 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* \$3.35

#### **60470 WATER LDR**

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

Webpage: [4h.uwex.edu/onlinpro/water.cfm](http://4h.uwex.edu/onlinpro/water.cfm)

#### **60471 WATER**

What you can do in this project:

- 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

#### **60800 FISHING LDR**

Resource: 07601, *Fishing Adventures- Helper (2002)* \$3.95

Webpage: [www.uwex.edu/ces/4h/onlinpro/fishing.cfm](http://www.uwex.edu/ces/4h/onlinpro/fishing.cfm)

#### **60801 FISHING 1**

What you can do in this beginning 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 (2002)* \$3.95

#### **60802 FISHING 2**

What you can do in this intermediate project:

- 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 (2002)* \$3.95

### 60803 FISHING 3

What you can do in this advanced project:

- Learn to reassemble a fishing reel
- Make artificial flies and lures
- Modify fishing equipment
- Investigate fishing careers

Resource: 07600, *Cast into the Future (2002)* \$3.95

### 60809 FISHING YTH LDR



## PLANT & SOIL SCIENCES

### 70000 CROPS LDR

#### 70001 CORN (CROPS 1)

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* \$3.35

4H440, *Marketing Your 4-H Crops* \$.15

4H441, *Is Direct Marketing for My Project?* \$.15

Webpage: [4h.uwex.edu/onlinpro/corn.cfm](http://4h.uwex.edu/onlinpro/corn.cfm)

#### 70002 FORAGE (CROPS 2)

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* \$.85

Webpage: [4h.uwex.edu/onlinpro/forage.cfm](http://4h.uwex.edu/onlinpro/forage.cfm)

#### 70003 SMALL GRAINS (CROPS 3)

What you can do in this project:

- 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

Webpage: [4h.uwex.edu/onlinpro/smallgrains.cfm](http://4h.uwex.edu/onlinpro/smallgrains.cfm)

### 70009 CROPS YTH LDR

#### 70100 FRUITS LDR

Webpage: [4h.uwex.edu/onlinpro/fruits.cfm](http://4h.uwex.edu/onlinpro/fruits.cfm)

#### 70101 FRUITS 1

What you can do in this project:

- 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* \$3.00

A1960, *Growing Currants, Gooseberries, & Elderberries in Wisconsin* \$3.00

A1656, *Growing Grapes in Wisconsin* \$4.00

A2072, *Growing Pears in Wisconsin* \$4.00

### 70200 VEGETABLES LDR

Resource: 07156, *4-H Horticulture Helper's Guide* \$8.30

Webpage: [4h.uwex.edu/onlinpro/vegetables.cfm](http://4h.uwex.edu/onlinpro/vegetables.cfm)

#### 70201 VEGETABLES 1

What you can do in this beginning 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: 07153, *Budding Gardeners* \$8.30

4H395, *Organically Grown – Handbook* \$4.60

4H409, *Nature's Herbs* \$1.15

A3306, *Exhibiting & Judging Vegetables* \$.85

#### 70202 VEGETABLES 2

What you can do in this intermediate project:

- Learn about plant needs and soil testing
- Start new plants and grow transplants
- Build a compost pile and use mulches

Resource: 07154, *Branching Out* \$8.30

#### 70203 VEGETABLES 3

What you can do in this advanced project:

- Grow plants in a cold frame
- Make a site analysis and landscape plan
- Compare organic and chemical fertilizers
- Research various insect control methods

Resource: 07155, *Digging Deeper* \$8.30

### 70209 VEGETABLES YTH LDR

#### 70300 HOUSE PLANTS LDR

Resource: 07156, *4-H Horticulture Helper's Guide*  
(same literature as vegetable projects)

Webpage: [4h.uwex.edu/onlinpro/houseplants.cfm](http://4h.uwex.edu/onlinpro/houseplants.cfm)

#### 70301 HOUSE PLANTS 1

What you can do in this beginning project:

- Identify plant parts and their functions
- Grow house plants and start a plant from a cutting
- Make a dish garden
- Prepare house plants for exhibit

Resources: 07153, *Budding Gardeners* (same as vegetables)

4H328, *Propagating & Growing House Plants* \$1.25

#### 70302 HOUSE PLANTS 2

What you can do in this intermediate project:

- Learn about plant seeds and soil
- Select and start new plants and grow transplants
- Plant a terrarium
- Examine plants for insects and diseases

Resource: 07154, *Branching Out* (same as vegetables)

### 70303 HOUSE PLANTS 3

What you can do in this advanced project:

- Take a tour of a horticulture business
- Design a plant experiment
- Teach others how to grow house plants
- Compare different fertilizers: organic and chemical

Resource: 07155, *Digging Deeper (same as vegetables)*

### 70309 HOUSE PLANTS YTH LDR

### 70350 PLANT CRAFTS LDR

Webpage: [4h.uwex.edu/onlinpro/plantcrafts.cfm](http://4h.uwex.edu/onlinpro/plantcrafts.cfm)

### 70351 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 \$1.00*  
4H453, *Plant Crafts Supplement \$.90*

### 70359 PLANT CRAFTS YTH LDR

### 70400 FLOWERS LDR

Resource: 07156, *4-H Horticulture Helper's Guide (same literature as vegetable projects)*

Webpage: [4h.uwex.edu/onlinpro/flowers.cfm](http://4h.uwex.edu/onlinpro/flowers.cfm)

### 70401 FLOWERS 1

What you can do in this beginning project:

- Identify flower parts and their functions
- Plant flowers and make flower arrangements
- Give a presentation on flowers
- Prepare a flower exhibit

Resources: 07153, *Budding Gardeners (same as vegetables)*  
4H1301A, *Forcing Spring Flowering Bulbs \$.85*  
A2935, *Evaluating & Judging Flowers & Indoor Plants \$.85*

### 70402 FLOWERS 2

What you can do in this intermediate project:

- Learn about plant needs and soil testing
- Select and start new plants and grow transplants
- Examine plants for insects and diseases
- Judge a flower exhibit

Resource: 07154, *Branching Out (same as vegetables)*

### 70403 FLOWERS 3

What you can do in this advanced project:

- Design a plant experiment
- Make a landscape plan
- Write instructions on how to force bulbs
- Compare different fertilizers: organic and chemical

Resource: 07155, *Digging Deeper (same as vegetables)*

### 70409 FLOWERS YTH LDR

### 70500 HOME GROUNDS LDR

Webpage: [4h.uwex.edu/onlinpro/homegrounds.cfm](http://4h.uwex.edu/onlinpro/homegrounds.cfm)

### 70501 HOME GROUNDS 1

What you can do in this beginning project:

- Learn about seeding a lawn
- Study proper lawn care and maintenance
- Explore fertilization and pest management techniques

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

### 70502 HOME GROUNDS 2

What you can do in this intermediate project:

- 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 \$.75*

A1730, *Evergreens – Planting & Care \$.50*

### 70503 HOME GROUNDS 3

What you can do in this advanced project:

- 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 \$5.00*



## INTERNATIONAL PROGRAMS

### 90150 INTERNATIONAL LDR

Webpage: [4h.uwex.edu/onlinpro/international.cfm](http://4h.uwex.edu/onlinpro/international.cfm)

### 90151 INTERNATIONAL 1

What you can do in this project:

- Explore the world around you through 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 (2002) \$10.15*

# WAUPACA COUNTY 4-H LITERATURE ORDER FORM

Jenny Heise, Leaders' Association Treasurer, N2496 Timothy Lane, Greenville, WI 54942



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: \_\_\_\_\_

Quantity	Lit. #	Literature Item Name	Project & Code	Total
1	08054	Head, Heart, and Hooves <i>(SAMPLE ORDER)</i>	Horses 2, 20302	\$3.95
2	06845	Pilot in Command <i>(SAMPLE ORDER)</i>	Aerospace 4, 50004	\$7.90
<b>TOTAL COST</b>				

**PLEASE ORDER LITERATURE IN PROJECT # ORDER SUCH AS ALL PROJECTS IN THE 10000'S FIRST, THEN 20000'S AND SO ON!!! IF NECESSARY USE MORE THAN ONE LINE PER ITEM!!!**



**PLEASE ORDER BY NOVEMBER 30, 2009**



*(orders received after November 30<sup>th</sup> will be processed; however, there may be a delay in receiving materials)*