PROJECT MATERIALS

Most projects are DIVIDED into 3 LEVELS.
Each LEVEL is designed to last 3-4 Project YEARS!

"An EEO/Affirmative Action employer, UW-Extension provides equal opportunities in employment and programming including Title IX and ADA requirements. Requests for reasonable accommodation for disabilities or limitations should be made prior to the date of the program or activity for which it is needed. Please make such requests as early as possible by contacting the Dodge County UW Extension Office 920/386-3790 so proper arrangements can be made."
Dear 4-H Families,

Welcome to 4-H Youth Development, the largest youth organization in Wisconsin! You are among the 35,162 youth reached through 1,386 organized Wisconsin 4-H community clubs. You will be in good company as you grow in life skills throughout 4-H this year. Another 195,000 Wisconsin youth get involved in 4-H through special educational opportunities at school, in after school programs, or at neighborhood or youth centers. You may also be one of 17,229 adult volunteers or 1,808 youth volunteers throughout the state who serve the 4-H program.

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

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

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

Parents are an important part of 4-H. Parents help you choose your projects, provide support and transportation, and encourage you to do your best. Many parents share time, skills, interests, and resources with the entire 4-H club by becoming project or club leaders. Best of all, 4-H is “hands-on” learning-by-doing action; the kind of learning both youth and adults can really tune into. May your family enjoy a rewarding 4-H year! Why not start learning the 4-H pledge together:

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

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

If you have questions, please contact the UW-Extension Office at (920)386-3790. You can also check out Dodge County 4-H at our website: http://dodge.uwex.edu/4-h-youth-development/ or on the state website: http://www.uwex.edu/ces/4h.

Best wishes for a rewarding year in 4-H!

Marie Witzel
Dodge County UW-Extension
4-H Youth Development Agent

Deb Wiebelhaus
Dodge County UW-Extension
4-H Youth Development Program Assistant

Bonnie Borden
Dodge County UW-Extension
4-H Youth Dairy & Livestock

REMEMBER:
The projects you sign up for are the ONLY projects you can ENTER in the FAIR!
ENROLLMENT KEY DATES

- **SEPTEMBER 15, 2014**: Enrollment Opens on 4HOnline for Dodge County 4-H.

- **NOVEMBER 1, 2014**: Deadline for re-enrolling members to enroll using 4HOnline.

- **DECEMBER 29, 2014**: Deadline for new members to enroll using 4HOnline to be eligible to show at the 2014 Dodge County Fair. However, new members can join at any time.
WHO CAN JOIN 4-H?

4-H MEMBERSHIP
4-H grade is determined as of October 1, 2014.

First & second graders (as of 10/01/2014) enroll in Dodge County 4-H as Cloverbuds.

Third graders enroll as Explorers.

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

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

Enrollment is made through local 4-H Clubs and online. Online enrollment for re-enrolling members must be completed by November 1, 2014. Re-enrolling members MUST submit their Behavior Forms TO THE GENERAL LEADER by the designated club deadline. The behavior forms are submitted by the General Leader to 4-H Office by November 18, 2014.

New Members (including new Cloverbuds and Explorers) should complete the online enrollment and submit their behavior agreement and fees to their local General Leader as soon as they have decided to become members of a club. New Member online enrollment is due by December 29, 2014 in order to be eligible to SHOW at the 2015 Dodge County Fair; however, new memberships are accepted at any time.

Once enrollment is completed, projects CANNOT be added or changed!

WISCONSIN 4-H YOUTH DEVELOPMENT POLICIES - Membership & Participation
revised March 2013
Statewide 4-H Youth Development has developed two statements about 4-H membership intended to provide consistency to the way young people identify themselves with counties and how they are selected for out-of-county competitive events. For policies purposes, 4-H membership is defined as having an individual enrollment form on file/entered in the computer membership database at the county extension office. Policies are effective as of October 1, 1996.

Membership Policy #1
"Youth may not hold 4-H membership in more than one county or state at the same time."
This simply requires that they only hold 4-H membership in a single county at any given time.

Membership Policy #2
"Youth must qualify for participation in district, state, or national 4-H competitions through their county of membership." Members must be selected as representatives of only their county of membership, regardless of the location of the qualifying experience.

ENROLLMENT FEES
County 4-H enrollment fee is $8.00 per member (including Cloverbuds & Exploring Members) and is paid to your local club to be forwarded with club enrollments. Local club enrollment fees are determined by the individual club.

PROJECT FEES
You may take 3 projects with no extra project fee.
Additional projects have a $4.00 PER PROJECT fee in addition to County and Club fees.
The Dodge County 4-H Leader Associations and UW-Extension subsidize ALL 4-H project areas.

ALL members (new and re-enrolling) MUST complete and RETURN to GENERAL LEADERS:
1. Dodge County 4-H Behavior Agreement Form and Club Enrollment Fees & Project Fees (if applicable)
2. 4-H Enrollment is completed online.
DODGE COUNTY 4-H CLOVERBUDS
- Cloverbuds are members who are in 1st and 2nd grade as of October 1, 2014.
- Enrollment is made through local 4-H clubs and online.
- Cloverbuds will NOT sign up for specific projects, but WILL BE enrolled as Cloverbuds.
- Enrollments are due by November 1, 2014 for re-enrolling Cloverbuds & by December 29, 2014 for NEW Cloverbuds to show at the 2015 Dodge County Fair.
- Traditional record books will not be used. Cloverbuds have a special record book.
- Cloverbuds will be able to participate in all county 4-H activities.
- Cloverbuds pay the $8.00 county enrollment fee. Local clubs may have an additional Enrollment fee.
- There will be a special class at the Fair for Cloverbuds in which they can bring any NON-ANIMAL items which will be judged Conference method. Cloverbuds DO need to complete a Fair Entry Form.

DODGE COUNTY 4-H EXPLORING MEMBERS
- Exploring members are members who are in 3rd grade as of October 1, 2014.
- Enrollment is made through local 4-H Clubs and online.
- Exploring members do NOT sign up for specific projects, but WILL BE enrolled as Explorers.
- Re-Enrollments are due by November 1, 2014.
- NEW member enrollments are due December 29, 2014 to show at the 2014 Dodge County Fair.
- Explorers will be able to participate in all County 4-H Activities.
- Explorers pay the $8.00 county enrollment fee. Local clubs may have an additional enrollment fee.
- There will be a special class at the Fair for Explorers in which they can bring any NON-ANIMAL items which will be judged Conference method. Explorers DO need to complete a Fair Entry Form.

LEADERS
Any interested adult can be a 4-H volunteer leader in Dodge County. Leaders must enjoy working with youth, sharing their knowledge and enthusiasm for learning and having fun. **Leaders are required to enroll using 4HOnline EACH YEAR.** All leaders are automatically members of the Dodge County 4-H Leaders Association. Leader types include:

- **Club Level**
  - Organizational/General Leader & Assistant Organizational Leader - in charge of general oversight of the club, supporting youth officers, communicating with members, communicating with 4-H Youth Development Staff
  - Project Leader - heads up project meetings in the club
  - Club Activity Leader - in charge of organizing club activities such as window displays, dairy promotion, parade appearances, etc.
  - Club Enrollment Leader - takes care of the club’s online enrollment
  - Resource Leader - answers questions on a club/county level

- **County Level**
  - Countywide Project Leader/Key Leader – work with project meetings on the county level
  - County Committee - serves on a county committee
  - Board Member

The University of Wisconsin-Extension 4-H Program, as a long-time educational youth program is very proud of its excellent record of providing a safe and healthy environment for all its members. The 4-H Youth Protection program has been underway in Dodge County since November 1994. **All individuals who enroll as new leaders MUST COMPLETE the Youth Protection training.** This is a volunteer orientation and certification program to ensure that every adult volunteer working with 4-H youth has received basic training in understanding young people, youth protection practices and teaching. More information on completing this training will be provided to new 4-H leaders who enroll in the Dodge County 4-H Youth Program.

To join Dodge County 4-H as a volunteer, please contact Marie Witzel, 4-H Youth Development Agent, at the Extension Office (920)386-3790. Call today!
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HOW TO SELECT PROJECTS
Make a list of things you like to do or learn about. Compare the list to the projects described in this guide. Descriptions after each project are not the project requirements. What you decide to take as part of your project work is up to you.

If this is your first year in 4-H, choose one or two projects to concentrate on. Some projects have more than one unit. Most UNITS of a project take TWO to THREE YEARS to complete. One unit naturally progresses to the next; you may want to take progressive units, but it is not a requirement.

NOTE:
- Not all clubs have project leaders in all projects.
- FIRST ask your General Leader project questions!
- County Resource Leader is indicated in this guide for specific project area questions!
- No Fee for Youth Leadership and Friends Helping Friends

ADULT & YOUTH LEADERSHIP
Assistant Organizational Leader
(Assistant helping organizational leader)
Board Member
Club Activity Leader (Adult/Youth responsible for training or direction of 4-H club activities, etc.)
Club Enrollment Leader
Key Leader Leader with county-wide responsibilities.
Co-Organizational Leader (2 + people who share General Leader club leadership responsibilities)
Organizational Leader (club general leader)

TO LOOK FOR ANY LITERATURE ONLINE go to: http://4h.uwex.edu/onlinpro/allprojects.cfm

YOUTH LEADERSHIP
YOUTH LEADERSHIP 1
What you can do in this project:
- Assess your leadership skills
- Practice effective communication skills
- Set goals and resolve conflict
- Plan a group event
Grades: 3-5
Resource: 07905, My Leadership Workbook for Grades 3-5

YOUTH LEADERSHIP 2
What you can do in this project:
- Explore how leaders are different
- Develop a multi-media presentation
- Set and achieve team goals
- Practice teamwork
Grades: 6-8
Resource: 07906, My Leadership Journal for Grades 6-8

YOUTH LEADERSHIP 3
What you can do in this project:
- Build trust in a group
- Assess you own strengths and weaknesses
- Write vision and mission statements
- Contribute to a group project
Grades: 9-12
Resource: 07907, My Leadership Portfolio for Grades 9-12

YOUTH LEADERSHIP LDR

YOUTH LEADERSHIP YTH LDR

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

CLOVERBUDS 3
What you can do in this project:
- Learn about 4-H activities and events
- Learn about working together as a club or team
- Share with others what you have learned
Grade: 2
Resources: Cloverbuds – Activity Booklet
Cloverbuds – Program Record Book Guide

CLOVERBUD LDR
Resources: 4H414, Helping Youth Grow into 4-H
05560, 4-H Discovery Program for 6-8 Yr. Olds
Webpage: 4h.uwex.edu/onlinpro/cloverbuds.cfm

CLOVERBUDS YTH LDR

Exploring Resource Leaders:
Noreen Dogs (920)488-3197; Deb Merfeld (920)623-1954

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

EXPLORING LDR
Resources:08172, Exploring Treasures of 4-H Helper’s Guide
Webpage: 4h.uwex.edu/onlinpro/exploring.cfm

EXPLORING YTH LDR

Isn’t it time to be a 4-H Leader? All you need is the desire to help youth. Previous 4-H experience is not necessary.
SERVICE LEARNING & CITIZENSHIP

CITIZENSHIP
What you can do in this project:
- Discover and discuss public issues
- Plan a project that will create, change or improve your community
- Grades: 4-12
Resource: Public Adventures Kit

CITIZENSHIP LDR
Webpage: 4h.uwex.edu/onlinpro/citizenship.cfm

CITIZENSHIP YTH LDR
FRIENDS HELPING FRIENDS Member
FRIENDS HELPING FRIENDS LDR
FRIENDS HELPING FRIENDS YTH LDR

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
Grades: 4-8
Resource: 08182, Agents of Change + CD

SERVICE LEARNING 2
What you can do in this project:
- Plan and implement your own service project
- Share with others your project plan and outcome
- Conduct an evaluation of your project
Grades: 9-12
Resource: 08183, Raise Your Voice + CD

SERVICE LEARNING LDR
Resource: 08184, Service Learning Helper’s Guide
Webpage: 4h.uwex.edu/onlinpro/ServiceLearning.cfm

SERVICE LEARNING YTH LDR
SPECIAL EMPHASIS Member
SPECIAL EMPHASIS LDR
SPECIAL EMPHASIS YTH LDR

SELF-DETERMINED

SELF-DETERMINED
What you can do in this project:
- Create your own project or expand on an old one
- Select a project, develop a plan, identify resources
- Carry out and evaluate your plan
Grades: 4-13
Resource: 4H272, Designing Your Own Project
When enrolling, you MUST INDICATE specifically what you are planning to do!
SELF-DETERMINED LDR
SELF-DETERMINED YTH LDR

ANIMAL SCIENCES

There is a difference between Beef and Beef Feeder.
Beef County Resource Leaders:
Ralph Pahl (920)349-3323  Mike Guenther (920)887-1588

BEEF 1
What you can do in this project:
- Identify various beef breeds
- Identify parts of a beef animal
- Judge beef cattle
- Halter-break a calf, fit a steer, show a calf
- Recognize and raise a healthy animal
Grades: 4-5
Resources: 08143, Bite Into Beef
4H450, Judging Breeding & Market Cattle
MA, Meat Animal Project Record

BEEF 2
What you can do in this 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
Grades: 6-8
Resources: 08144, Here’s the Beef
MA, Meat Animal Project Record

BEEF 3
What you can do in this project:
- Explore selection and judging
- Learn about careers, health, reproduction, etc.
- Discover how to market your animal and by-products
Grades: 9-12
Resources: 08145, Leading the Charge
MA, Meat Animal Project Record

Beef Feeder County Resource Leader:
Janet Arndt (920)885-6583

BEEF FEEDER
Get involved in the project with smaller animals nutrition management economics of beginning beef. Especially good for younger members to gain experience working with a bucket calf & showing younger beef animals. (This is not a market animal.)

BEEF LDR
Resources: 08146, Beef Helper’s Guide
117R, Beef Resource Handbook
Webpage: 4h.uwex.edu/onlinpro/beef.cfm

BEEF YTH LDR

CAGE BIRDS Members
Breeding management, feeding & care of cage birds.
Resource: NCR-42 Cage Birds in the Home

CAGE BIRDS LDR

CAGE BIRDS YTH LDR
Cats County Resource Leaders:
Leslie Odenwald (920)210-7802
Eric Zillmer (920)212-0465

CATS 1
What you can do in this project:
- Select a cat
- Identify cat breeds
- Name the parts of a cat
- Handle and groom a cat
- Care for its health
- Create a budget

Grades: 4-5
Resource: 08148, Purr-fect Pals

CATS 2
What you can do in this 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

Grades: 6-8
Resource: 08149, Climbing Up!

CATS LDR
Resource: 08150, Cat Helper's Guide
Webpage: 4h.uwex.edu/onlinpro/cats.cfm

CATS YTH LDR

CAVIES (Guinea Pigs)
Breeds, breeding & Management, feeding & care of young, proper equipment, showing.

CAVIES LDR

CAVIES YTH LDR

DAIRY 1
What you can do in this project:
- Identify dairy breeds
- Study and identify parts of the dairy cow
- Learn how to select quality dairy calves
- Fit and show a calf
- Identify stages of calving and care
- Assemble tools needed for packing a show box

Grades: 4-5
Resources: 08161, Cowabunga
CANADA1, Showmanship...Leading to Win
CANADA2, Preparing to Lead
4H501, Dairy Cattle Judging Made Easy – Interactive CD
(Call office to check out)
LDR, Lifetime Dairy Record

DAIRY 2
What you can do in this project:
- Learn about housing and hay quality
- Learn about milking and food safety
- Explore ways to keep an animal healthy
- Observe animal behavior

Grades: 6-8
Resources: 08162, Mooving Ahead
4H502, The Rules are Black and White
MPA, Managerial Project Agreement

DAIRY 3
What you can do in this 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

Grades: 9-12
Resources: 08163, Rising to the Top
HMR, WI 4-H Dairy Heifer Mgmt. Record

DAIRY LDR
Resource: 08164, Dairy Cattle Helper's Guide
Webpage: 4h.uwex.edu/onlinpro/dairy.cfm

DAIRY YTH LDR

Dogs County Resource Leaders:
Sheila Desjarlais-Caine (920)887-2545; Tiffeny Heriou (920)285-3275; Hannah Lynch (920)319-2207; Luther & Sandy Pohl (920)348-5030; Julie Schmiedlin (608)240-0544
County Dog Training Classes begin in March/April at the fairgrounds. Watch your newsletter!

DOGS 1
What you can do in this project:
- Learn basic skills for dog care and training
- Discover different dog breeds
- Study and identify dog body parts
- Learn how to keep a dog healthy and groomed

Grades: 4-5
Resources: 08166, Wiggles and Wags
4H436, The Basics of Training Your Dog

DOGS 2
What you can do in this project:
- Explore dog health and nutrition
- Discover genetic problems and population control
- Learn showmanship and training techniques
- Learn about show-ring ethics

Grades: 6-8
Resources: 08167, Canine Connection
4H439, Dog Obedience – Novice & Beyond

DOGS 3
What you can do in this project:
- Investigate responsible breeding
- Care for geriatric dogs
- Train service dogs
- Explore careers related to dogs

Grades: 9-12
Resources: 08168, Leading the Pack
4H437, A Guide to Showmanship
DOGS YTH LDR

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

DAIRY GOAT 1
What you can do in this project:
- Gain hands-on experiences in the goat project
- Select, manage, fit, and show goats
- Learn responsible goat ownership

Grades: 4-5
Resource: 08352, Getting Your Goat

DAIRY GOAT 2
What you can do in this 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

Grades: 6-8
Resource: 08353, Stepping Out

DAIRY GOAT 3
What you can do in this 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

Grades: 9-12
Resource: 08354, Showing the Way

MEAT GOAT 3
What you can do in this project:
- Learn to control diseases
- Understand bio-security and quality assurance
- Formulate rations
- Evaluate goat pastures

Grades: 9-12
Resource: 07911, Meating the Future

MEAT GOAT LDR

Webpage: 4h.uwex.edu/onlinpro/goats.cfm

MEAT GOAT YTH LDR

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

HORSES 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

Grades: 4-5
Resources: 08053, Giddy Up & Go
          CO200, Horses & Horsemanship
          4H180, Pleasure Riding

HORSES 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

Grades: 6-8
Resource: 08054, Head, Heart & Hooves

HORSES 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

Grades: 9-12
Resource: 08055, Stable Relationships

HORSES 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

Grades: 4-7
Resource: 08056, Riding the Range

HORSES 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

Grades: 8-12
Resource: 08057, Jumping to New Heights
HORSELESS HORSE 1
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

Grades: 4-5
Resource: 08053, Giddy Up & Go
4H260, Horses are Fun – Horseless Horse

HORSELESS HORSE 2
What you can do in this project:
- Learn about horsemanship
- Explore judging and oral reasons
- Learn selection, training and showing
- Practice trail riding skills

Grades: 6-8
Resource: 08054, Head, Heart & Hooves

HORSELESS 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

Grades: 9-12
Resource: 08055, Stable Relationships

HORSE/HORSELESS HORSE LDR
Resources: 08058, Horse Helper’s Guide
07200, Horse Pattern
Webpage: 4h.uwex.edu/onlinpro/horses.cfm

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

Grades: 4-12
Resources: 4H374, Additional Patterns for Clothes Horse
4H389, Horse & Riding Attire

CLOTHES HORSE LDR
Resource: 4H360, 4-H Clothes Horse Activity Guide
Webpage: 4h.uwex.edu/onlinpro/horses.cfm

CLOTHES HORSE YTH LDR
MODEL HORSE LDR
MODEL HORSE Member
MODEL HORSE YTH LDR
Use ONLY if your specific pet is not listed elsewhere!
You will be able to enter posters/displays at Fair, but may not be able to bring your pet.

PETS 1
What you can do in this project:
- Explore your favorite pet or select a pet
- Identify pet body parts
- Learn to provide a safe environment
- Design a space for your pet

Grades: 4-5
Resource: 06359, Pet Pals

PETS 2
What you can do in this project:
- Explore animal digestion and feeding
- Shop for pet supplies
- Determine the animal’s sex and proper health
- Study pet behavior and communication

Grades: 6-8
Resource: 06360, Scurrying Ahead

PETS 3
What you can do in this project:
- Explore pet products
- Teach others about pets
- Understand how genetics work
- Explore animal welfare issues

Grades: 9-12
Resource: 06361, Scaling the Heights

PETS LDR
Resource: 06362, Pet Helper’s Guide
Webpage: 4h.uwex.edu/onlinpro/pets.cfm

PETS YTH LDR
Poultry County Resource Leaders:
Janelle Wiebelhaus-Finger (920)253-7099;
Dan Schwandt (920)763-3080; Don Schwandt (920)344-6884

NOTE: All poultry project members select one level which is not specific to a poultry type, but rather a learning activity book. You can take any type of poultry to Fair no matter which level you are in. (If you need literature on waterfowl, turkeys, bantam, and/or pigeon, contact the Dodge County 4-H Office.)

POULTRY 1
What you can do in this project:
- Identify poultry breeds
- Learn parts of the bird
- Learn parts and functions of the egg
- Learn how to select and handle poultry
- Fit and show poultry

Grades: 4-5
Resources: 06363, Scratching the Surface
SA, Small Animal Project Record

POULTRY 2
What you can do in this project:
- Observe a healthy flock
- Select and judge broilers
- Discover how an egg is formed
- Prevent poultry diseases
- Discover how chicks imprint

Grades: 6-8
Resources: 06364, Testing Your Wings
4H281, Poultry for Fun & Food
A2880, Chicken Breeds & Varieties
SA, Small Animal Project Record

Many volunteers help by leading 4-H projects for a local year-round club or short-term 4-H group. But there are many other ways for you to get involved.

Call the Dodge County 4-H Office (920)386-3790 to discover more volunteer opportunities!
POULTRY 3
What you can do in this project:
- Organize a judging clinic
- Manage a laying flock
- Discover qualities of eggs
- Handle poultry products safely
- Process a chicken

Grades: 9-12
Resources: 06365, Flocking Together
SA, Small Animal Project Record

POULTRY LDR
Resource: 06366, Poultry Helper’s Guide
Webpage: 4h.uwex.edu/onlinpro/poultry.cfm

POULTRY YTH LDR

Rabbits County Resource Leader:
Bill Meyer (920)262-1973; Don Schwandt (920)344-6884

RABBITS 1
What you can do in this project:
- Learn about selecting and handling rabbits
- Identify rabbit breeds and body parts
- Explore health issues and feeding

Grades: 4-5
Resource: 08080, What’s Hoppening?

RABBITS 2
What you can do in this project:
- Learn to select show rabbits
- Give oral reasons and judge rabbits
- Learn to tattoo and keep records of animals
- Detect diseases

Grades: 6-8
Resource: 08081, Making Tracks

RABBITS 3
What you can do in this project:
- Learn about breeding and genetics
- Design a rabbitry and marketing rabbits
- Learn about disease prevention and rabbit registration

Grades: 9-12
Resource: 08082, All Ears

RABBITS LDR
Resource: 08083, Rabbit Helper’s Guide
Webpage: 4h.uwex.edu/onlinpro/rabbits.cfm

RABBITS YTH LDR

Sheep County Resource Leaders:
Janet Phillips (920)210-3100; Becky Doman (920)248-9311

SHEEP 1
What you can do in this project:
- Identify sheep breeds and body parts
- Observe sheep behavior
- Identify uses of wool and other by-products
- Fit and show sheep

Grades: 4-5
Resources: 06367, Lambs, Rams and You
4H421, Judging Breeding & Market Sheep
MA, Meat Animal Project Record

SHEEP LDR
Resources: 06368, Shear Delight
MA, Meat Animal Project Record

SHEEP YTH LDR

Swine County Resource Leader: Dennis Kohl (920)623-3984

SWINE 1
What you can do in this project:
- Identify swine breeds, feeds and animal parts
- Practice judging market hogs
- Identify pork meat cuts
- Practice fitting and showing a hog

Grades: 4-5
Resources: 08065, The Incredible Pig
4H412, Judging Breeding & Market Swine
MA, Meat Animal Project Record

SWINE 2
What you can do in this project:
- Make a swine health care plan
- Identify diseases
- Assemble tack and pack a show box
- Plan and organize a facility expansion
- Complete a plan for a new pork product

Grades: 6-8
Resources: 08066, Putting the Oink in the Pig
MA, Meat Animal Project Record

SWINE 3
What you can do in this project:
- Learn to make breeding and culling decisions
- Judge a class of breeding gilts
- Design a preventative herd health plan
- Manage a feeding program

Grades: 9-12
Resources: 08067, Going Whole Hog
MA, Meat Animal Project Record
SWINE LDR
Resources: 08068, Swine Helper’s Guide
Webpage: 4h.uwex.edu/onlinpro/swine.cfm

SWINE YTH LDR

VETERINARY SCIENCE 1
What you can do in this project:
- Learn different breeds of animals
- Interpret animal behavior
- Identify feed nutrients
- Describe animal life stages and systems
Grades: 4-5
Resources: 08048, From Airedales to Zebras
4H334, Adventure Notebook
4H131, The Normal Animal

VETERINARY SCIENCE 2
What you can do in this project:
- Create health records for your animal
- Conduct food safety experiments
- Discover importance of immunity and bio-security
- Consider ethics and animal welfare
Grades: 6-8
Resources: 08049, All Systems Go
4H048, Animal Disease

VETERINARY SCIENCE 3
What you can do in this project:
- Investigate the importance of genetics
- Understand diseases that spread from animals to humans
- Learn about diversity of veterinary careers
Grades: 9-12
Resources: 08050, On the Cutting Edge
4H133, Animal Health

VETERINARY SCIENCE LDR
Resources: 08051, Veterinary Science Helper's Guide
4H192, Veterinary Science
4H323, The Normal Animal
Webpage: 4h.uwex.edu/onlinpro/vetscience.cfm

VETERINARY SCIENCE YTH LDR

SELF DETERMINED – ANIMAL SCIENCES

Want to lead a workshop or chaperone 4-H trips?
Sign up as a volunteer TODAY!

COMMUNICATION & CULTURAL ARTS

ART 1
What you can do in this project
- Learn art through cutting, pasting and drawing
- Explore sculpting and constructing with fibers
- Paint and print using different materials
Grades: 4-6
Resources: 4H 635A Celebrate Art Unit 1
23112, Elements and Principles of Design Card
4H472, Palette of Fun Member Sheet & Introduction

ART 2
What you can do in this project:
- Explore art techniques, culture and history of art
- Learn artistic challenges in drawing, fiber arts and sculpting
- Develop graphic design techniques
Grades: 7-12
Resources: 4H 635B Celebrate Art Unit 2
08140, Advanced Visual Arts: Sketchbook Crossroads

ART 3
What you can do in this project:
- Explore art techniques, culture and history of art
- Learn artistic challenges in drawing, fiber arts and sculpting
- Develop graphic design techniques
Grades: 7-12
Resources: 08141, Advanced Visual Arts: Portfolio Pathways

ARTS LDR
Resource: 07597, Arts & Crafts – A Palette of Fun
Webpage: 4h.uwex.edu/onlinpro/artscrafts.cfm

ARTS YTH LDR

BASKETRY - Literature from Outagamie County

BASKETRY LDR

BASKETRY YTH LDR

CAKE DECORATING
Learn cake decorating techniques.

CAKE DECORATING LDR

CAKE DECORATING YTH LDR

CERAMICS LDR
CERAMICS Member
CERAMICS YTH LDR

CLOWNING
What you can do in this project:
- Discover the history of clowning
- Develop your own character
- Design your own makeup, costume and props
Grades: 4-12
Resource: 4H265, Enter the Clowns

CLOWNING LDR
CLOWNING YTH LDR

COMMUNICATIONS 1
What you can do in this project:
- Engage in non-verbal, verbal and written activities
- Strengthen your personal communication skills
- Encrypt codes, write songs and give directions
Grades: 4-5
Resource: 08156, Picking Up the Pieces

COMMUNICATIONS 1
COMMUNICATIONS 2
What you can do in this project:
- Learn to become a confident communicator
- Present oral reasons, plan and present speeches
- Practice making good first impressions
Grades: 6-8
Resource: 08157, Putting It Together

COMMUNICATIONS 3
What you can do in this project:
- Polish your communication skills
- Develop a public presence by speaking in public
- Explore communication careers
- Write resumes and interview for a job
- Develop presentations
Grades: 9-12
Resource: 08158, The Perfect Fit

COMMUNICATIONS LDR
Resources:
BU8159, Communications Helper's Guide
COMM04, Voices From the Past
COMM05, It's All in the Family
COMM07, Communication Activities for 4-H Clubs
Webpage: 4h.uwex.edu/onlinpro/communications.cfm

COMMUNICATIONS YTH LDR

COMPUTERS 1
What you can do in this project:
- Learn about hardware, software and various applications
- Explore how they work, what are the components
- Learn the various programs and their features
- Participation is supported by an interactive website
Grades: 4-5
Resource: 08346, Newbie Know How

COMPUTERS 2
What you can do in this project:
- Build and repair a computer
- Identify the components and how they work together
- Learn to upgrade and create connections
- Install operating systems
Grades: 6-8
Resource: 08347, Inside the Box

COMPUTERS 3
What you can do in this project:
- Discover how to create and manage networks
- Make decisions about network management
- Explore security issues and troubleshooting
Grades: 9-12
Resource: 08348, Peer to Peer/Reaching Beyond

COMPUTERS LDR
Resource: 08349, Teens Teaching Tech

COMPUTERS YTH LDR

CREATIVE/CROSS STITCHERY
Counted cross-stitch, embroidery & plastic canvas techniques. No literature is available!

CREATIVE WRITING
Grades: 4-12
Resources: COMM01, Creative Woodworking
            COMM03, Crazy About Books Reading Circle

CREATIVE WRITING LDR

CREATIVE WRITING YTH LDR

DEMONSTRATIONS
Resource: 4H309 Let's Demonstrate!

DEMONSTRATIONS LDR

DEMONSTRATIONS YTH LDR

DRAWING & PAINTING
What you can do in this project:
- Learn to draw with pencil, chalk, crayon, etc.
- Learn to blend and shade
- Make surface rubbings
- Paint with watercolor
- Paint with oil and acrylics
- Mix colors, mat and frame your artwork
Grades: 4-12
Resource: 4H169, Drawing & Painting

DRAWING & PAINTING LDR
Webpage: 4h.uwex.edu/onlinpro/drawing.cfm

DRAWING & PAINTING YTH LDR

FOLK ARTS
What you can do in this project:
- Explore traditional folk arts
- Learn more from your family and community
- Learn storytelling, egg decorating, basket making
Grades: 4-12

FOLK ARTS LDR
Resource: NCR534, Folk Arts Leader Guide
Webpage: 4h.uwex.edu/onlinpro/folkarts.cfm

FOLK ARTS YTH LDR

LATINO CULTURAL ARTS
What you can do in this project:
- Understand the rich Latino culture by exploring traditional art
- Make Latino instruments, jewelry, weavings, murals, etc.
- Celebrate Latino holidays, sample foods and tell stories
Grades: 4-8

LATINO CULTURAL ARTS LDR
Resource: 08180, QueRico! La Cultura Bilingual Helper’s Guide
Webpage: 4h.uwex.edu/onlinpro/LatinoCulturalArts.cfm

LATINO CULTURAL ARTS YTH LDR

Leathercraft County Resource Leaders:
Anne Oelke (920)285-2063; Bonnie Borden (920)625-2116

LEATHERCRAFT
What you can do in this project:
- Learn about the characteristics and uses of leather
- Use tools and equipment
- Make patterns and original designs
- Explore various leathercraft techniques
Grades: 4-12
Resource: 4H149, Adventures in Leathercraft Members Guide
LEATHERCRAFT LDR
Resource: CIR006, Adventures in Leathercraft Leaders Guide
Webpage: 4h.uwex.edu/onlinpro/leathercraft.cfm

LEATHERCRAFT YTH LDR

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

Grades: 4-12
Resource: 4H620MP, Youth and 4-H Music Project Guide

MUSIC YTH LDR

MUSIC LDR
Resource: 4H351, Sing Along Songbook
Webpage: 4h.uwex.edu/onlinpro/Music.cfm

MUSIC YTH LDR

Photography County Resource Leader:
Anne Oelke (920)285-2063

PHOTOGRAPHY 1
What you can do in this project:
- Explore the camera and learn to use it properly
- Learn the basics of lighting and composition
- Learn the use of different light sources
- Shoot photos that tell a story

Grades: 4-5
Resource: PC1, Focus on Photography

PHOTOGRAPHY 2
What you can do in this project:
- Learn about camera adjustments
- Learn about film speed, shutter speed and aperture
- Take silhouettes, candids, action shots and others

Grades: 6-8
Resource: PC2, Controlling the Image

PHOTOGRAPHY 3
What you can do in this 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

Grades: 9-12
Resource: PC3, Mastering Photography

PHOTOGRAPHY LDR
Webpage: 4h.uwex.edu/onlinpro/photography.cfm

PHOTOGRAPHY YTH LDR

Rubberstamping County Resource Leaders:
Vicki Marshall (920)261-5337; Pam Rein (920)262-0472

RUBBER STAMPING - No literature available

RUBBER STAMPING LDR

RUBBER STAMPING YTH LDR

Scrapbooking County Resource Leaders:
Vicki Marshall (920)261-5337; Pam Rein (920)262-0472

SCRAPBOOKING
Resource: NDSU Extension Service FG108

SCRAPBOOKING LDR

SCRAPBOOKING YTH LDR

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

Grades: 4-12
Resources: COMM02, 4-H Public Speakers Handbook
COMM06, 4-H Public Speaking Opportunities

SPEAKING LDR

SPEAKING YTH LDR

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

STENCIL PAINTING LDR

STENCIL PAINTING YTH LDR

THEATRE ARTS 1
What you can do in this project:
- Study acting from sound, movement, voice and speech
- Learn different ways to play a scene
- Try pantomime, clowning and improvisation

Grades: 4-5
Resource: 08070, Play the Role

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

Grades: 6-8
Resource: 08071, Become a Puppeteer!

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

Grades: 9-12
Resource: 08072, Set the Stage

THEATRE ARTS LDR
Resource: 08073, Theatre Arts Helper’s Guide
Webpage: 4h.uwex.edu/onlinpro/theatre.cfm

THEATRE ARTS YTH LDR

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

Grades: 6-12
Resource: IS401, Action! Making Videos & Movies

SELF-DETERMINED COMMUNICATION & CULTURAL ARTS
FAMILY, HOME & HEALTH

Child Development County Resource Leader:
Krista Klas (920)885-9313

CHILD DEVELOPMENT 1
What you can do in this project:
• Find out how you grow and develop
• Learn the development of babies and toddlers
• Learn how to make toys safe for small children
Grade: 4
Resource: 08075, On My Own

CHILD DEVELOPMENT 2
What you can do in this 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, prepare healthy meals
• Check for safety hazards
Grades: 5-6
Resource: 08076, Growing With Others

CHILD DEVELOPMENT 3
What you can do in this 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
Grades: 7-10
Resource: 08077, Growing in Communities

CLOTHING 1
What you can do in this project:
• Identify sewing tools and machine parts
• Thread a sewing machine, identify fabrics
• Select and purchase a pattern, sew and clip a seam
• Sort clothes for laundry, remove stains
• Donate a sewing project
Grades: 4-5
Resources: 08060, Under Construction
07198, Let’s Sew! Beginner’s Sewing Guide

CLOTHING 2
What you can do in this project:
• Identify types of fabric constructions
• Sew different buttonholes and seam finishes
• Use pressing tools and thread a serger
• Research different laundry products
Grades: 6-8
Resource: 08061, Fashion Forward

CLOTHING 3
What you can do in this project:
• Use specialized sewing tool or equipment
• Combine patterns to create a design
• Create outdoor wear, design and embellish a garment
• Use a computer to print on fabric
Grades: 9-12
Resource: 08062, Refine Design

CLOTHING LDR
Resource: 08063, Sewing Expressions Helper’s Guide
Webpage: 4h.uwex.edu/onlinepro/clothing.cfm

CLOTHING YTH LDR

Consumer Savvy County Resource Leaders:
Karen Schmidt (920)928-2234; Anna Schultz (920)623-9983; Jennifer Torkelson (262)244-1274

CONSUMER SAVVY 1
What you can do in this project:
• Learn your shopping style
• Use the yellow pages to find goods and services
• Know the difference between wants and needs
• Write a savings and spending plan
• Start a savings account
Grades: 4-5
Resource: 08030, The Consumer in Me

CONSUMER SAVVY 2
What you can do in this 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
Grades: 6-9
Resource: 08031, Consumer Wise

CONSUMER SAVVY 3
What you can do in this project:
• Define consumer responsibilities and ethics
• Understand your consumer rights
• Use comparison shopping techniques
• Understand the costs of owning a vehicle
Grades: 10-12
Resource: 08032, Consumer Roadmaps

CONSUMER SAVVY LDR
Resource: 08033, Consumer Savvy Helper’s Guide
Webpage: 4h.uwex.edu/onlinepro/consumersavvy.cfm

CONSUMER SAVVY YTH LDR

Do you want to be a 4-H leader?
When you volunteer to be a 4-H leader, there are many resources to get you started and keep you going, including leader manuals and training sessions. If you are a parent, 4-H is a great opportunity to become involved in your child’s development as a 4-H leader and as a home helper.
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
Grades: 4-12
Resource: CC1403, Crochet Made Easy
CROCHETING LDR
Webpage: 4h.uwex.edu/onlinpro/crocheting.cfm
CROCHETING YTH LDR
ENTREPRENEURSHIP
What you can do in this project:
- Practice the skills needed to be an entrepreneur
- Explore businesses, products, marketing and pricing
- Create a business plan and start your own business
Grades: 7-12
Resource: 08035, Entrepreneurship: Be the E
ENTREPRENEURSHIP LDR
Resource: 08036, Entrepreneurship Helper’s Guide
Webpage: 4h.uwex.edu/onlinpro/entrepreneur.cfm
ENTREPRENEURSHIP YTH LDR
Foods & Nutrition County Resource Leader:
Nancy Thompson (920)478-3724
Foods & Nutrition 1
What you can do in this project:
- 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
Grade: 4
Resource: 07144, Six Easy Bites
Foods & Nutrition 2
What you can do in this project:
- 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
Grades: 5-6
Resource: 07146, Tasty Tidbits
Foods & Nutrition 3
What you can do in this project:
- Learn to evaluate nutrition information and fad diets
- Develop your own exercise program
- 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
Grades: 7-9
Resource: 07148, You’re the Chef
Foods & Nutrition 4
What you can do in this project:
- 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
Grades: 10-12
Resource: 07150, Foodworks
FOODS & NUTRITION LDR
Webpage: 4h.uwex.edu/onlinpro/foodsnutrition.cfm
FOODS & NUTRITION YTH LDR
FOODS PRESERVATION
What you can do in this project:
- Learn the basics of preserving food safely
- Use UW-Extension Safe Food Preservation Series
Grades: 6-12
Literature can be purchased or printed online at: http://learningstore.uwex.edu. This beginning project introduces you to the basics of preserving fruits, vegetables, and meats safely. Select publications from the UW-Extension Safe Food Preservation Series for the foods that you want to preserve.
FOODS PRESERVATION LDR
FOODS PRESERVATION YTH LDR
HEALTH 1
What you can do in this project:
- Practice first aid skills to treat basic injuries
- Learn how to respond to someone who is choking
- Assemble a first aid kit
Grades: 4-5
Resource: 08174, First Aid in Action
HEALTH 2
What you can do in this project:
- Identify your personal talent areas in health care
- Explore hygiene, nutrition and physical activities
- Share what you learn with others
Grades: 6-8
Resource: 08175, Staying Healthy
HEALTH 3
What you can do in this project:
- Design your own fitness plan
- Track your plan and review your progress
- Interview individuals in the health and fitness fields
Grades: 9-12
Resource: 08176, Keeping Fit
HEALTH LDR
Webpage: 4h.uwex.edu/onlinpro/health.cfm
HEALTH YTH LDR
HOME ENVIRONMENT 1
What you can do in this project:
- Learn about home care
- Learn to sand and finish a simple wood item
- Make small home decorative items for the home
- Explore the world of home interior design
Grades: 4-5
Resource: 4H425, Exploring Your Home
HOME ENVIRONMENT 2
What you can do in this 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
Grades: 6-7
Resource: 4H426, Living With Others

HOME ENVIRONMENT 3
What you can do in this 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, restore furniture
- Create a welcoming environment outside your home
Grades: 8-9
Resource: 4H427, Where I Live

HOME ENVIRONMENT 4
What you can do in this project:
- Focus on application of design fundamentals
- Learn about purchasing furnishings for the home
- Restore or make a heritage item
Grades: 10-12
Resource: 4H465, In My Home

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
Grades: 5-12
Resource: NCR591, Walk in My Shoes Member Guide

INTERGENERATIONAL PROGRAMS LDR
Resource: NCR548, Walk in My Shoes Leaders Guide
Webpage: 4h.uwex.edu/onlinpro/intergenerational.cfm

INTERGENERATIONAL YTH LDR

Knitting County Resource Leader:
Georgia Henken (920)324-3779

KNITTING
What you can do in this project:
- Discover what to consider when buying yarn or tools
- Learn knitting and finishing techniques
- Correct knitting errors
- Learn how to care for your knitted items
Grades: 4-12
Resource: CC1402, Knitting Made Easy

KNITTING LDR
Webpage: 4h.uwex.edu/onlinpro/knitting.cfm

KNITTING YTH LDR

PERSONAL FINANCE 1
What you can do in this project:
- Learn money management skills
- Learn how to live on a budget
Grades: 6-8
Resource: 07710, Money FUNdamentals

PERSONAL FINANCE 2
What you can do in this project:
- 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
Grades: 9-12
Resource: 07711, Money Moves

PERSONAL FINANCE LDR
Webpage: 4h.uwex.edu/onlinpro/finance.cfm

PERSONAL FINANCE YTH LDR

QUILTING
Learn basics of quilting. (No literature available)

QUILTING LDR

QUILTING YTH LDR

WORKFORCE READINESS
What you can do in this project:
- Explore what it takes to get your first job
- Discover how to assess job possibilities in the community
- Create job scenarios
- Recognize your learning styles and personal qualities
Grades: 6-9
Resource: 08191, Get in the Act! Take 1 (with CD)

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

WORKFORCE READINESS YTH LDR

SELF—DETERMINED FAMILY, HOME & HEALTH

MECHANICAL SCIENCES

Aerospace County Resource Leaders:
Courtney & Amy Meyer (920)387-2717
Diane Neff (920)887-8355

AEROSPACE 2
What you can do in this project:
- Build straw and paper rockets
- Learn to read a map, identify types of aircraft
- Discover how weather affects flying
- Build and fly a kite, make a hot-air balloon model
Grades: 4-5
Resource: 06843, Lift Off

AEROSPACE 3
What you can do in this project:
- Build, exhibit, and launch model rockets
- Test a paper hang glider
- Make a flight simulator, demonstrate why rockets fly
- Organize a kite-flying contest
Grades: 6-8
Resource: 06844, Reaching New Heights
AEROSPACE 4
What you can do in this 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
Grades: 9-12
Resource: 06845, Pilot in Command
AEROSPACE LDR
Resource: 06846, Aerospace Helper’s Guide
Webpage: 4h.uwex.edu/onlinpro/aerospace.cfm
AEROSPACE YTH LDR

BICYCLING – ENG & TECH 2
What you can do in this project:
- Choose a bike that’s right for you
- Practice bike maintenance
- Learn road rules
Grades: 4-12
Resource: 08335, Wheels in Motion
BICYCLING LDR
Resources: 08336, Bicycle Helper’s Guide
087507, Bicycle Fix It! (DVD)
Webpage: 4h.uwex.edu/onlinpro/bicycling.cfm
BICYCLING YTH LDR

ELECTRICITY 1
What you can do in this project:
- Understand how to use electricity
- Identify electrical materials, build a flashlight
- Build and test a switch, wire a simple circuit
- Build and test a compass, build an electric motor
Grades: 4-5
Resource: 06848, Magic of Electricity
ELECTRICITY 2
What you can do in this project:
- Work with electrical equipment
- Learn to read circuit diagrams
- Build a circuit and measure voltages
- Communicate in Morse code
Grades: 6-7
Resource: 06849, Investigating Electricity
ELECTRICITY 3
What can I do in this project:
- Develop a basic electrical tool and supply kit
- Understand the symbols on wires and cables
- Replace a wall switch, locate your home wiring system
Grades: 8-9
Resource: 06850, Wired for Power
ELECTRICITY 4
What you can do in this project:
- Identify electrical and electronic parts and devices
- Learn how to solder and prepare parts for assembly
- Assemble a circuit using a transistor
Grades: 10-12
Resource: 06851, Entering Electronics
ELECTRICITY LDR
Webpage: 4h.uwex.edu/onlinpro/electricity.cfm
ELECTRICITY YTH LDR

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
Grades: 4-12
Resource: CD8458, Exploring Spaces, Going Places CD
(“Getting Out” section)
GEOSPATIAL 2
What you can do in this project:
- Learn how to collect data
- Combine data with geographical positions
- Make maps of home, neighborhoods and community
Grades: 4-12
Resource: CD8358, Exploring Spaces, Going Places CD
(“On the Trail” section)
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
- Discover ways of boosting tourism through mapping
Grades: 4-12
Resource: CD8358, Exploring Spaces, Going Places CD
(“Reaching Your Destination” section)
GEOSPATIAL LDR
Webpage: 4h.uwex.edu/onlinpro/geospatial.cfm
GEOSPATIAL YTH LDR

LEGOS – No literature
LEGOS LDR
LEGOS YTH LDR

Scale Models County Resource Leaders:
Courtney & Amy Meyer (920)387-2717
Bob & Anne Oelke (920)285-2063
Diane Neff (920)887-8355
SCALE MODELS
What you can do in this project:
- Assemble and create scale models of trains, cars, etc.
- Learn how to obtain materials you need in construction
- Learn to display your model and judge it
Grades: 4-12
Resource: 4H424, Guidelines for Building Scale Models
SCALE MODELS LDR
Webpage: 4h.uwex.edu/onlinpro/scalemodels.cfm
SCALE MODELS YTH LDR

SMALL ENGINES 1
What you can do in this project:
- Learn the basics of small engines
- Explore external engine parts and tools
- Identify the uses of small engines and safety issues
Grades: 4-5
Resource: 08186, Crank It Up!
SMALL ENGINES 2
What you can do in this project:
- Explore the internal parts of engines
- Learn engine sizes, safety issues
- Explore different jobs related to small engines
Grades: 6-8
Resource: 08187, Warm It Up!

SMALL ENGINES 3
What you can do in this project:
- Tear down and rebuild an engine
- Learn to use diagnostic tools
- Research rules and regulations in using small engines
Grades: 9-12
Resource: 08188, Tune It Up!

SMALL ENGINES LDR
Resource: 08189, Small Engines Helper’s Guide
Webpage: 4h.uwex.edu/onlinpro/engine.cfm

SMALL ENGINES YTH LDR

TRACTORS 1
What you can do in this project:
- Learn and identify parts of the tractor, tractor maintenance
- Learn about different fuels and engine cooling systems
- Research different safety features and learn safety rules
Grade: 4 (little or no experience)
Resource: 4H961, Starting Up: Getting to Know Your Tractor

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

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

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

TRACTORS LDR
Webpage: 4h.uwex.edu/onlinpro/tractors.cfm

TRACTORS YTH LDR

WOODWORKING 1
What you can do in this project:
- Learn safety practices when working with wood and tools
- Use various hand tools: hammer, handsaw
- Identify types of nails and wood
- Sand and paint a piece of wood
Grade: 4
Resource: 08675, Measuring Up

WOODWORKING 2
What you can do in this project:
- Identify functions of various tools
- Practice safety techniques
- Select a project to build (birdhouse, foot stool)
- Use a screwdriver and combination square
Grades: 4-6
Resource: 06876, Making the Cut

WOODWORKING 3
What you can do in this project:
- Use a table saw, router, powered circular saw and sander
- Learn to make more difficult joints
- Evaluate exotic and veneer woods
- Create inlays and overlays, test various adhesives
Grades: 9-12
Resource: 06878, Finishing Up

WOODWORKING LDR
Resource: 06879, Woodworking Helper’s Guide
Webpage: 4h.uwex.edu/onlinpro/wood.cfm

WOODWORKING YTH LDR

SELF-DETERMINED MECHANICAL SCIENCE

NATURAL RESOURCES, SHOOTING
SPORTS, & ENVIRONMENTAL EDUCATION

ADVENTURES
What you can do in this project:
- Learn how to camp safely in all weather conditions
- Investigate camping equipment and clothing
- Build a campfire and cook a meal
- Practice tying knots and first aid
- Learn to use a map and compass
Grades: 4-12
Resource: 4H444, Introduction to Adventures

ADVENTURES LDR
Resource: 4H443, 4-H Adventure Project
Webpage: 4h.uwex.edu/onlinpro/adventures.cfm

ADVENTURES YTH LDR
Archery County Resource Leaders:
Courtney & Amy Meyer (920)387-2717

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: 4-12

ARCHERY LDR
Training to receive the Archery Guide and WI Shooting Sports Basic 4-H Guidelines. For more information see webpage.
Resource: 751, Archery Member Record Book
Webpage: 4h.uwex.edu/onlinpro/shooting/index.cfm

ARCHERY YTH LDR

BACKPACKING & HIKING 1
What you can do in this project:
- Plan a day hike, select items, plan the food
- Learn to organize and pack a backpack
- Select appropriate clothing, prepare a first aid kit
- Learn to use a compass, prepare for dangerous weather

Grades: 4-5
Resource: 08043, Hiking Trails

BACKPACKING & HIKING 2
What you can do in this 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

Grades: 6-8
Resource: 08044, Camping Adventures

BACKPACKING & HIKING 3
What you can do in this 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

Grades: 9-12
Resource: 08045, Backpacking Expeditions

BACKPACKING & HIKING LDR
Resource: 08046, Outdoor Adventures Helper’s Guide
Webpage: 4h.uwex.edu/onlinpro/backpacking.cfm

BACKPACKING & HIKING YTH LDR

BEES
Learn how bees live & work; honey production; seasonal care & management.

BICYCLING – ENVIRON ED
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

Grades: 4-12
Resource: 4H446 Bicycling
Webpage: 4h.uwex.edu/onlinpro/bicyclingnr.cfm

BIRDS

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, canoe a river

Grades: 4-12
Resource: 4H447 Canoeing
Webpage: 4h.uwex.edu/onlinpro/canoeing.cfm

DOWNHILL SKIING
No literature.

ENTOMOLOGY 1
What you can do in this project:
- Learn about insects, their behavior and life history
- Discover the parts of an insect’s body
- Collect and compare insects
- Explore ways they communicate and move

Grades: 4-5
Resource: 06853, Creepy Crawlies
08393, Project Butterfly Wings Youth Guide

ENTOMOLOGY 2
What you can do in this project:
- Learn how an insect protects itself
- Explore their habitats, create an insect display
- Investigate entomology careers
- Build an insect extractor

Grades: 6-8
Resource: 06854, What’s Bugging You?
08393, Project Butterfly Wings Youth Guide

ENTOMOLOGY 3
What you can do in this 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

Grades: 9-12
Resource: 06855, Dragons, Houses, and Other Flies
08393, Project Butterfly Wings Facilitator Guide

ENTOMOLOGY LDR
Resource: 06856, Entomology Group Helper’s Guide
08393, Project Butterfly Wings Facilitator Guide
Webpage: 4h.uwex.edu/onlinpro/entomology.cfm

ENTOMOLOGY YTH LDR

EXPLORING YOUR ENVIRONMENT 1
What you can do in this project:
- Explore the four elements of life- sun, air, water & soil
- Use your senses to explore the environment
- Connect to the environment through plants and animals
- Learn how the environment is affected by pollution

Grades: 4-7
Resource: 08411, Earth’s Capacity
EXPLORING YOUR ENVIRONMENT 2
What you can do in this project:
- Explore wildlife habitats and tracking
- Learn about groundwater
- Research pollination and how it works
Grades: 8-10
Resource: 08411, Earth’s Capacity

EXPLORING YOUR ENVIRONMENT 3
What you can do in this 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
Grades: 11-12
Resource: 08410, Ecosystems Services

EXPLORING YOUR ENVIRONMENT 1
What you can do in this project:
- Identify forest types, forest products and trees
- Age trees by counting rings
- Understand forest competition, find a state forest
- Describe how leaves affect rainfall
Grades: 4-5
Resource: 08038, Follow the Path

FORESTRY 1
What you can do in this project:
- Identify different tree fruits
- Create a community forest map
- Identify forest biomes by continent
- Identify an unknown tree using a tree key
Grades: 9-12
Resource: 08040, Explore the Deep Woods

HUNTING
What you can do in this project:
- Learn the history, philosophy and laws of hunting
- Learn to plan and equip yourself for a hunt
Grades: 4-12

HUNTING LDR

MAPLE SYRUP Member
No literature

PISTOL (smallbore .22)
What you can do in this project:
- Explore the history of different types of pistols
- Learn basic safety rules and range commands
- Develop marksmanship and shooting procedures
Ages: Only 12 years old and above can shoot powder burning guns
Resource: 753, Pistol Member Record Book

PISTOL LDR
Resource: Each Pistol Leader must attend a Certification Training to receive the Pistol Guide and WI Shooting Sports Basic 4-H Guidelines. For more information see webpage.
Webpage: 4h.uwex.edu/onlinpro/shooting/index.cfm
RECYCLING
What you can do in this project:
- Learn about the impact of solid waste on the environment
- Learn to reduce, reuse and recycle
Grades: 4-12
Resource: 4H362, Recycling for Reuse

RECYCLING LDR
Webpage: 4h.uwex.edu/onlinpro/recycling.cfm

RECYCLING YTH LDR

RIFLE
What you can do in this project:
- Explore rifle history and the different models
- Learn to sight-in your rifle and score targets
- Learn various shooting positions used in competition
- Learn safe handling procedures and range rules
Ages: Only 12 years old and above can shoot powder burning guns.
Resource: 750, Rifle Member Record Book

RIFLE LDR
Resource: Each Rifle Leader should attend a Certification Training to receive the Rifle Guide and WI Shooting Sports Basic 4-H Guidelines. For more information see webpage.
Webpage: 4h.uwex.edu/onlinpro/shooting/index.cfm

RIFLE YTH LDR

SHOOTING SPORTS LDR
Resource: Each Shooting Sports Leader must attend a Certification Training to receive the WI Shooting Sports Basic 4-H Guidelines. For more information see webpage.
Webpage: 4h.uwex.edu/onlinpro/shooting/index.cfm

SHOOTING SPORTS YTH LDR

SHOTGUN
What you can do in this project:
- Learn the basic safety issues with shotgun handling
- Learn shooting fundamentals
- Learn the proper way to carry a shotgun
Ages: Only 12 years old and above can shoot powder burning guns.
Resource: 752, Shotgun Member Record Book

SHOTGUN LDR
Resource: Each Shotgun Leader must attend a Certification Training to receive the Shotgun Guide and WI Shooting Sports Basic 4-H Guidelines. For more information see webpage.
Webpage: 4h.uwex.edu/onlinpro/shooting/index.cfm

SHOTGUN YTH LDR

WATER
What you can do in this project:
- Identify water conservation and pollution issues
- Locate issues in your home, community or school
- Select an issue to focus on
- Develop and implement a plan
Grades: 4-12
Resource: 4H855, Give Water A Hand – Action Guide

WATER LDR
Resource: 4H850, Give Water A Hand – Leader Guide
Webpage: 4h.uwex.edu/onlinpro/water.cfm

WATER YTH LDR

WILDFLOWERS
What you can do in this project:
- Learn about wildflowers in your neighborhood
- Learn to identify wildflowers and how to collect them
- Discover how humans affect wildflowers
Grades: 4-12
Resource: 4H392, Wildflowers
Webpage: 4h.uwex.edu/onlinpro/wildflowers.cfm

Wildlife County Resource Leader:
Courtney & Amy Meyer (920)387-2717

WILDLIFE LDR

WILDLIFE YTH LDR

WINTER TRAVEL
What you can do in this project:
- Discover winter travel on cross-country skis and snowshoes
- Select and take care of equipment and clothing
- Experience a winter overnight campout
- Discover how trees and plants prepare for winter
Grades: 4-12
Resource: 4H448, Winter Travel
Webpage: 4h.uwex.edu/onlinpro/wintertravel.cfm

SELF-DETERMINED ENVIRONMENTAL EDUCATION

4-H volunteer leaders are youth and adults that are working to make a difference in the lives of young people.
To volunteer, call the Dodge County 4-H Office at (920)386-3790!
PLANT & SOIL SCIENCES

Crops County Resource Leader:
Jason Stern (920)960-0373

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

Grades: 4-12
Resources: 4H355, 4-H Corn Project Manual
4H440, Marketing Your 4-H Crops
4H441, Is Direct Marketing for My Project?
RS1, Record Sheet – Crops Management

Webpage: 4h.uwex.edu/onlinpro/corn.cfm

FLOWERS 1

Flowers County Resource Leader:
Mary Welles (920)948-7858

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

Grades: 4-5
Resources: 07162, Gardening: See them Sprout
4H1301A, Forcing Spring Flowering Bulbs
A2935, Evaluating & Judging Flowers & Indoor Plants

FLOWERS 2

What you can do in this 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

Grades: 6-8
Resource: 07163, Gardening: Let’s Get Growing

FLOWERS 3

What you can do in this project:
- Design a plant experiment
- Make a landscape plan
- Write instructions on how to force bulbs
- Compare different fertilizers: organic and chemical

Grades: 9-12
Resource: 07164, Gardening: Take Your Pick

Webpage: 4h.uwex.edu/onlinpro/flowers.cfm

FLOWERS YTH LDR

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

Grades: 4-12
Resources: 4H349, Pest Scouting Alfalfa
4H440, Marketing Your 4-H Crops
4H441, Is Direct Marketing for My Project?
RS1, Record Sheet – Crops Management

Webpage: 4h.uwex.edu/onlinpro/forage.cfm

SMALL GRAINS (CROPS 3)

What you can do in this project:
- Explore types of grasses including wheat, oats, barley
- Learn about growing conditions and nutrients
- Practice integrated pest management
- Compare production costs and marketing

Grades: 4-12
Resources: 4H356, 4-H Small Grains Manual
4H440, Marketing Your 4-H Crops
4H441, Is Direct Marketing for My Project?
RS1, Record Sheet – Crops Management

Webpage: 4h.uwex.edu/onlinpro/smallgrains.cfm

SOYBEANS (CROPS 4)

Selecting varieties, planting, diseases, insects & weeds, harvesting/storing, marketing.

CROPS LDR

CROPS YTH LDR

FRUITS

Specify type of fruit.

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

Grades: 4-12
Resources: A1597, Growing Strawberries in Wisconsin
A1610, Growing Raspberries in Wisconsin
A1656, Growing Grapes in Wisconsin
A1960, Growing currants, gooseberries, and Elderberries in WI
A2072, Growing Pears in Wisconsin

FRUITS YTH LDR

Webpage: 4h.uwex.edu/onlinpro/fruits.cfm

HOME GROUNDS 1

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

Grades: 4-5
Resource: 4H321, 4-H Lawn Care

HOME GROUNDS 2

What you can do in this project:
- Learn the importance of planting new trees and shrubs
- Explore variety selection and appropriate placement
- Learn basic maintenance: pruning and fertilization

Grades: 6-8
Resources: A3067, Selecting, Planting & Caring for Shade Trees
A1730, Evergreens – Planting & Care

Webpage: 4h.uwex.edu/onlinpro/homegrounds.cfm
HOME GROUNDS 3
What you can do in this project:
- Explore landscape planning
- Make a plan and put it on paper
- Select, place and plant trees and shrubs
- Maintain your home grounds

Grades: 9-12
Resource: G1923, Planning & Designing Your Home Landscape

HOME GROUNDS LDR
Webpage: 4h.uwex.edu/onlinpro/homegrounds.cfm

HOME GROUNDS YTH LDR

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

HOUSE PLANTS 1
What you can do in this project:
- Identify plant parts and their functions
- Grow house plants, start a plant from a cutting
- Make a dish garden,
- Prepare house plants for exhibit

Grades: 4-5
Resources: 07162, Gardening: See them Sprout
4H328, Propagating and Growing House Plants

HOUSE PLANTS 2
What you can do in this project:
- Learn about plant seeds and soil
- Select and start new plants and grow transplants
- Plant a terrarium
- Examine plants for insects and diseases

Grades: 6-8
Resource: 07163, Gardening: Let’s Get Growing

HOUSE PLANTS 3
What you can do in this 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

Grades: 9-12
Resource: 07164, Gardening: Take Your Pick

PLANT CRAFTS LDR
Webpage: 4h.uwex.edu/onlinpro/plantcrafts.cfm

PLANT CRAFTS YTH LDR

Vegetables County Resource Leader:
Leanne Gensch (920)927-3349

VEGETABLES 1
What you can do in this project:
- Identify plant parts and their functions
- Explore germination and start a plant from a cutting
- Grow vegetables in containers, plan an outdoor garden
- Prepare a vegetable exhibit for show

Grades: 4-5
Resources: 07162 Gardening: See Them Sprout
4H395, Organically Grown – Handbook
4H409, Nature’s Herbs
A3306, Exhibiting & Judging Vegetables

VEGETABLES 2
What you can do in this project:
- Learn about plant needs and soil testing
- Start new plants, grow transplants, explore hydroponics
- Build a compost pile, use mulches

Grades: 6-8
Resource: 07164, Gardening: Let’s Get Growing

VEGETABLES 3
What you can do in this project:
- Grow plants in a cold frame
- Make a site analysis and landscape plan
- Compare organic and chemical fertilizers
- Research various insect control methods

Grades: 9-12
Resource: 07164, Gardening: Take Your Pick

INTERNATIONAL PROGRAMS

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

Grades: 4-12
Resource: 4H812, And My World

INTERNATIONAL LDR
Resource: 4H812, And My World
The Dodge County UW-Extension Office is located at:
127 E Oak Street, Juneau WI 53039

Phone Number
(920) 386-3790

Fax Number
(920) 386-3928

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Bonnie Borden, Youth Dairy & Livestock Educator
bborden@co.dodge.wi.us

Dodge County 4-H Website
http://dodge.uwex.edu/4-h-youth-development

Wisconsin 4-H Website
http://www.uwex.edu/ces/4h

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