

4-H WILDLIFE STEWARDS

"Bringing Science and Nature Together One School at a Time"

Volume 5, Issue 3

March-April 2002



The 4-H Wildlife Stewards Program is a 4-H Master Science Educators program of OSU Extension/4-H and is supported by the National Science Foundation.

4-H Wildlife Stewards are volunteers in partnership with public and private organizations to assist students and teachers in the development and use of wildlife habitats on school grounds.

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4-H Wildlife Stewards "Celebrate the American Spirit" April 21-27th National Volunteer Week

"Celebrate the American Spirit - VOLUNTEER!" is the theme for the 29th annual National Volunteer Week, April 21-27, 2002. The purpose of this week is to recognize and celebrate the efforts of volunteers at the local, state and national levels. This year's theme is particularly appropriate as we continue to witness the outpouring of compassion and commitment of volunteers following the September 11th attacks. Through National Volunteer Week we can inspire others to share their time and talent by volunteering.

National Volunteer Week is also a time to say 'thank you' to the millions of people who change the world by volunteering. Volunteering isn't just nice, it's necessary for the health of society; it bridges the gaps between people and communities.

The 4-H Wildlife Stewards staff applaud the efforts of all the 4-H Wildlife Stewards volunteers and teachers who share so unselfishly their skills, knowledge and experiences with young people. Your efforts are an inspiration to us every day. It is through your efforts that Oregon schools and communities are stronger. Thank you to all our 4-H Wildlife Stewards Volunteers!!

Maureen Hosty
4-H Extension Faculty

Joan Engeldinger
4-H Extension Faculty





WILDLIFE STEWARDS MEMBER SCHOOLS

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Ainsworth Elementary
Portland
Arleta Elementary
Portland
Atkinson Elementary
Portland
Banks Elementary
Banks
Beach Elementary
Portland
Binnsmead MS
Portland
Bridger Elementary
Portland
Candy Lane Elementary
Oregon City
Centennial MS
Portland
Corvallis Montessori School
Corvallis
Deep Creek Elementary
Damascus
Deer Creek Elementary
Tualatin
Eagle Creek Elementary
Eagle Creek
Eccles Elementary
Canby
Edwards Elementary
Portland
Environmental MS
Portland
Fairplay Elementary
Corvallis
Findley Elementary
Beaverton
Franklin Elementary
Corvallis
Gaffney Lane Elementary
Oregon City
George MS
Portland
Harding Elementary
Corvallis
Hayhurst Elementary
Portland
Highland Elementary
Gresham
Highland MS
Corvallis
Inavale Elementary and MS
Philomath
Jefferson Elementary
Corvallis

Jennings Lodge Elementary
Milwaukie
John McLoughlin Elementary
Oregon City
Kellogg MS
Portland
Lincoln Elementary
Corvallis
Lewis Elementary
Portland
Llewellyn Elementary
Portland
Madison HS
Portland
Mary Woodward Elementary
Tigard
Meek Elementary
Portland
Mt Scott Park Center for Learning
Portland
Mt. View Elementary
Corvallis
Ocean Crest Elementary
Bandon
Oregon Episcopal School
Portland
Orengo Elementary
Hillsboro
Palisades Elementary
Lake Oswego
Park Place Elementary
Oregon City
Riverside Elementary
Milwaukie
Rose City Park Elementary
Portland
Sauvie Island Elementary
Sauvie Island
Seth Lewelling Elementary
Milwaukie
Sitton Elementary
Portland
Stephenson Elementary
Portland
Sunrise MS
Clackamas
West Gresham Elementary
Gresham
Wilcox Elementary
Portland
William Walker Elementary
Beaverton
Woodland Elementary
Portland



PROGRAM UPDATE

Twenty-three Complete Training at Deschutes County Site

The first training for 4-H Wildlife Stewards held East of the Cascades produced twenty-three graduates for the new statewide program. Participants enjoyed the high desert scenery and the gracious hospitality of Rock Springs Guest Ranch and Conference Center in Tumalo, Oregon. Our new graduates hail from Multnomah, Coos, Linn, Benton and Deschutes Counties. Let's meet our newest 4-H Wildlife Stewards:

Coos County boasts two new 4-H

Wildlife Stewards. Loretta Denney will head up the program at Pacific Center for Children and Families in Coos Bay. Loretta is also a Master Gardener. Dan Randle is undecided where he will volunteer his services to the program.

Ginger Hall and Stacey Connelly will be working with Maggie Livesay, 4-H faculty in Benton County. Ginger and Stacey have already started a project with students at Inavale Elementary and Middle School.



Beautiful Tumalo in Central Oregon was the site for the Winter 4-H Wildlife Stewards Training

4-H Wildlife Stewards State Team

State Training Team

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4-H Wildlife Stewards Trainees learn how to map a school site

Multnomah County welcomes Anna Powers and Zac Marfell from North Gresham Elementary School. Anna and Zac are both teachers and look forward to starting their habitat project.

Tami Kerr, Mary Burke, Adrienne Raymond, Dolores Cutshall, Cindy Drouhard, Rene Growcock, and Claudia Hatmaker represented Linn County at the training. This was a refresher course for Claudia. Adrienne will bring the program to Crawfordville School. Dolores will be working at Foster School. Tami, an OSU 4-H “Ag in the Classroom” employee will be on special assignment with Robin Galloway, 4-H faculty in Linn County. Cindy and Mara are both teachers at Calapooia Middle School where they will be instrumental in initiating the program. Rene is a graduate student at OSU and is looking forward to working with children in a habitat project.

Deschutes County is starting off with a bang with 10 trained 4-H

Wildlife Stewards. Jude Lewis and Kevin Orrick will be starting the program at the Deschutes County Juvenile Justice Center. They have a large greenhouse to grow native plants year round. Louise Wilson doesn’t have an assignment yet, but looks forward to teaching students about habitat environments. Gayle Parlato is a naturalist and educator who will bring the program to The Nature School. Ruth Ann Draheim is a Central Oregon Community College student with a speciality in horticulture. Lisa Lochner is also a COCC student with an interest in wildlife management. Both women look forward to sharing their areas of expertise with students in the Bend area. Amy Pinnegar is a teacher and will start the project at Rimrock Academy. Rod Vandergust,

another COCC student is anxious to begin the program in the Terrebonne area of Deschutes County. Rima Givot will combine her new skills with her science teaching at Sisters High School. Stevie Purchase, a new retiree in the Sisters area, is interested in working with a school in Redmond.

The State 4-H Wildlife Stewards Training Team welcomes each one of you!!



4-H Wildlife Stewards Trainees learn science observation skills



Exploring Wildlife through . . The 4-H Junior Wildlife Stewards Camp

August 6-10, 2002



The camp is **open to boys and girls completing grades 3-6 in 2002**. The camp is designed for youth who wish to explore the wonders of nature in an outdoor setting. The focus of the 4-H Junior Wildlife Stewards Camp is on wildlife and learning about the environment. Previous experience or knowledge in these areas is not required—**4-H welcomes novices who want to learn and have fun in the process. You do not have to be a 4-H member to participate in camp.**

Trained staff from OSU Extension 4-H will provide guidance in the basics of fishing and aquatic habitats, wildlife tracking, nature crafts, sunrise wildlife walks, bird watching, forestry, canoeing, evening campfire programs, and more. Campers will take on new responsibilities and learn new skills as members of the camp community. A special highlight for the entire camp community will be a hands-on **wildlife restoration project**.

The Oregon 4-H Conference and Education Center is a rich outdoor classroom for environmental education. Located just 7 miles northwest of Salem in the beautiful rolling Eola Hills, the center includes 325 acres of mixed forests, meadows, and ponds. The center features weatherized and heated cabins, modern restrooms, a large dining hall, and a swimming pool and bath-house. Canoes, adventure swings and miles of hiking trails make this an ideal setting for exploring and learning about wildlife. The 4-H Center boasts a wide range of wildlife including deer, red-tail hawk, great blue heron, house wrens, barn owls, long-eared myotis, raccoons, beavers, chickery, ground and gray squirrels, rough-skinned newts, alligator lizards, garter snakes, tree frogs, bullfrogs, trout and blue gill - just to name a few.



COST: \$198.00 which includes 13 meals, snacks, 4 nights lodging, education supplies, medical insurance, trained staff, an on-site nurse, and a 4-H Junior Wildlife Stewards camp t-shirt.

FOR MORE INFORMATION AND AN APPLICATION:

Call 503-725-2027 or e-mail
Susan.Wieske@oregonstate.edu



SCHOOLS UPDATE

Candy Lane Elementary Update

The Wildlife Habitat Project at Candy Lane Elementary is well underway. Candy Lane Elementary, a new 4-H Wildlife Stewards Member School located in Oregon City, has selected the site for their native plant/wildlife garden. It is in a large island in front of the school. The site currently consists of two large rocks and several trees. The students will be creating miniature models (dish gardens) of what they would like their site to look like when they are all finished.

In addition to developing their site, the Candy Lane students have been designing t-shirt logos for the group. They have also made bird feeders and bird houses and are in the process of making wire garden sculptures. We will all be looking forward to seeing this exciting Candy Lane Elementary Project as it develops.



Inavale Students Plant Native Species to Attract Wildlife

On February 8, 2002, the 4th and 5th grade students at Inavale School culminated a three-week unit on native plants and animals by planting a variety of native plants meant to attract wildlife to the Schoolyard Habitat Area located west of the school. This learning experience was led by three recently trained 4-H Wildlife Stewards: Ginger Hall, Stacey Connelly, and Jeni Richardson.

These Stewards used games, lecture and a slide show to teach students about the wildlife they might be able to attract with some enhancement to their schoolyard habitat. With a grant from the Benton County-OSU Extension Service 4-H Wildlife Stewards Program, Jeni Richardson purchased a large variety of shrubs and deciduous trees from the Benton Soil and Water Conservation District annual native tree and plant sale.

After a brief introduction on how to plant, the students, working in teams of two or three, planted their shrubs and trees. The instruction was detailed, even down to the tin foil that will, hopefully, keep the mice from girdling the trunks of the new plantings.

From this hands-on experience, students gained knowledge of native flora and fauna and also learned life skills in teamwork, the mechanics of successful planting, and an appreciation for native species. If you want to learn more about projects like these that are going on in many 4-H Wildlife Stewards Member Schools, contact Maggie Livesay in Benton County Extension at 766-6750 or visit our Website at <oregonstate.edu/extension/benton/4Hwild.htm>.

Inavale Elementary and Middle School
Students and 4-H Wildlife Stewards



Arleta School Update

Mr. Petrucelli's class, otherwise known as the "Arleta Nature Squad," has been doing an incredible job creating and enhancing their 4-H wildlife habitat. The project began last year with the help of two wonderful classroom assistants and a dedicated 4-H Wildlife Steward, Louise Ring. Louise not only spends quality time with the students out in the habitat area, she also brings in her Chihuahua, Chi Chi, for the children to enjoy. The principal, Lynn Scholom-Ferussen, is also supportive, encouraging, and proud of the class.

Ronnie Bacon, one of the students that helped initiate the project last year, enjoys working in the habitat. Ronnie says, "I liked taking out the ivy." He was able to get one of the longest strains of ivy out of the area with just one pull. "I liked

pulling weeds and ivy, but it took all day!" The students in Mr. Petrucelli's class are clearly excited about the project and are proud of their work. There is a hawk often seen circling above their habitat area. Sean Linden, another student, would like to see more eagles and falcons.

The students enjoy their native area and are working on making it even more esthetically pleasing. They are

currently mulching the area by carrying buckets of bark dust from a pile, donated by Urban Forestry. Mr. Petrucelli should be praised for his efforts and dedication, not only to the habitat area, but also to his students. They are a delightful class and very welcoming. A BIG THANKS TO THE "ARLETA NATURE SQUAD!" KEEP UP THE GREAT WORK!



Jiante Carter, 3rd grade

"I like to plant and dig. I would like to see sunflowers and roses too."

4-H Youth Program Celebrates 100th Anniversary

In 2002 the 4-H movement celebrates its centennial as America's premier youth development organization. In the late 1890's and into the early 1900's, 4-H programs began throughout the country in response to young people and their need for a better agricultural education. Boys and girls clubs were established to meet this need. This community club model engaged youth through "learning by doing." Most states organized clubs outside of schools with parents serving as volunteer leaders and educators providing appropriate educational materials.

No one individual is credited with originating the 4-H program, but rather the program was founded through collective efforts of several individuals over the course of a few years. Today, 6.8 million youth are enrolled in 4-H groups in the United States with more than 600,000 volunteer youth workers. Today 4-H projects cover citizenship, communications and expressive arts, consumer and family services, environmental education, personal development and leadership, plants and animals, and science and technology. Membership in 4-H over the years has become increasingly diverse and urban. The 4-H program reports that 10% of youths are from farms, 35% from large cities and suburbs and 55% from small towns and cities fewer than 50,000.



TIPS FOR THE GARDEN

Tips For Mapping Large WS Sites

by Bill Broderick

As the 4-H Wildlife Stewards Program expands into Oregon, many schools from rural school districts are getting involved in the 4-H Wildlife Stewards Program. These schools, unlike many of their urban counterparts, sit on large sites. Mapping and inventorying a large 4-H wildlife habitat project will require a slightly different approach.

The process for mapping large sites is the same as mapping smaller sites. The difference comes in the equipment you use. Instead of using a 10' or 25' tape measure, you may use a 100' or 300' tape measure. There are also measuring wheels that you push as you walk. You may also want to look into using a GPS (Global Positioning System) unit. You can use the GPS unit to find exact corners of your habitat or identify specific areas in your habitat.



4-H Wildlife Stewards Member School
Banks Elementary School Site

Some of the equipment I mentioned above is somewhat expensive and most of us don't have extra money to buy them. That is where building relationships will help your project. Junior high and high school track programs have large tapes for their program. Science programs at the Junior high or high school may have GPS units that their students use. So, much of what you need may already be in your school system. It's just a matter of building the relationships so you can use them.

If you are unable to get what you need from your school district there are other options. Your county Extension office may have what you need. Your local SWCD (Soil and Water District) and NRCS (Natural Resource Conservation Service) may have what you need. These agencies may also be very interested in your project. They can also be a great resource for information about soil and plants. Again, it's all about building the relationships with those people. Good luck with your large site!



4-H Wildlife Stewards Member School
Riverside Elementary School Site



Maintenance Plan for 4-H Wildlife Stewards Habitat Sites

by Nancy Allen and Lisa Albert

A maintenance plan will help ensure the success of your project, help deter vandalism, and provide opportunities for teaching about wildlife needs and human responsibilities.

A maintenance plan should include:

- Tasks for short and long term.
- Involve teachers, students, custodians, and volunteers.
- Plan work days, nature nights, or special events that are fun functions for students and families.
- At least two people on the team should design the plan.
- Include head of custodian staff in the planning meetings.
- Make a detailed plan for one year and a general plan for 5-10 years.

Tasks

- Watering
- Pruning
- Weeding
- Planting
- Monitoring
- Cleaning feeders and birdbaths
- Checking and filling feeders
- Cleaning nest boxes
- Mowing
- Clean and refill pond
- Make repairs, repaint, or restrain wooden structures as needed
- Conduct safety inspections of site and equipment
- Coordinate use of any volunteer work parties
- If appropriate, maintain greenhouse or supply area
- Maintain and inventory tools and equipment
- Coordinate projects/events in habitat area

Refer to the 4-H Wildlife Stewards unit "Sustaining Your Wildlife Habitat Project."

In Your School Habitat Garden

by Lisa Albert

In March and April, the garden awakens with flowers and bird song. Oregon grape spouts its vivid yellow flowers, rich with nectar and pollen, enticing hummingbirds, butterflies, our native Mason bees and other bees to visit. Salal, Red huckleberry and Evergreen huckleberry bring forth their sweet flower bells which creates quite the scene when bumblebees force their way inside looking like rotund maidens donning corsets. Red flowering currant bushes drip with their rich red, rose, pink or white flowers, much loved by hummingbirds and bees. Western trilliums and violets pop up their sweet heads from the garden floor. Much, much more is happening. Be sure to take the time to visit and observe and record what is happening in your school garden.

Native plants aren't the only things blooming and growing. Weeds are, too, unfortunately. If you get the weeds out before they seed, you'll be ahead of the game. After you are done weeding, lay down 10-12 sheets of newspaper (not the glossy inserts), overlapping the edges. On top of this, lay 2-3 inches of compost to enrich the soil, conserve moisture and release nutrients to the plants.

Now is the time to prune your red-twigged dogwoods. Remember the 1/3 pruning rule: Prune the whole shrub to the ground every 3rd year; prune the shrub back by 1/3 each year; or prune out 1/3 of the shrub each year. The cuttings are pliable and are great for making small trellises for annual climbing vines.



Recycle your suet feeders. Clean them out and fill them with nesting materials: pieces of yarn and/or string, feathers, hair, dried grasses and trimmings from the garden. Fill several with different materials and track which ones seem most popular. Have the kids create a graph based on the results.



PROJECT MANAGEMENT

Promoting 4-H Wildlife Stewards Programs (*Media Basics*)

by Robin Galloway, OSU Extension

Print

Identify your readers: Newspaper stories state just the facts. Feature stories may effervesce with adjectives.

Journalism 101 – The 5 “W”s and the “H”

Who – Eight members of the 4-H Wildlife Stewards Program at Harrisburg School.

What – Will plant wonderful food in four 2x10 pressure-treated lumber raised beds which were donated to the exciting, innovative project.

Where – Their habitat site is on the school playground at Territorial Road and 35th Street, east of downtown Harrisburg.

When – Lumber was delivered in January. Beds will be filled with garden soil when weather allows in February. Planting will start as soon as the snow is gone from Mary’s Peak.

Why – Raised beds will allow students to grow plants which will attract wildlife - to eat all the produce.

How – The project is made possible by community support. The lumber was donated by a sweet widow who no longer gardens. A volunteer with a strong back and pickup delivered the framework to the school. Premium gardening soil will be provided by a grant from the Joan Engeldinger Philanthropic Trust.

Radio

- Speak slowly in a conversational tone.
- Plan ahead what to say. Practice it aloud.
- Keep sentences short and to the point.
- Don’t guess. It’s better to say you don’t know.

- Women – project and deepen your voice.
- Men – enunciate and express enthusiasm.
- Convey your message even if not asked.
- Relax. Visualize you’re talking with a friend.
- Hold something.
- Slow down both speech and motions.
- Buy a copy of the segment to keep.

What Makes News?

- Develop a relationship with media reporters. Know who to contact.
- Keep telling them what’s happening with the Wildlife Habitat. They’ll pick newsworthy topics when they need them.
- Picture Is Worth 10,000 Words.
- Take lots of pictures to get one good one.
- Get close to your subjects.
- Capture emotion – faces.
- Tell a story.
- People are motivated by recognition.
- Politicians hold the pursestrings.

Gee Whiz!

Timely statistics speak: In Oregon last year over 56,000 4-H members participated in more than 77,000 projects. They were led by 8,000 adult volunteers who contribute more than \$19 million in value.

Conflict

Ideas contrary to popular thought: Interesting and different attracts readers (and editors)

4-H Wildlife Stewards examples: Kids and adults working together. Protecting the environment. Caring for the future. Attitudes for long term – not just “me now.” Include special situations such as intergenerational partners, businesses committed to helping community or disabled students working in the habitat.



Why Should I Keep A Project Notebook?

by Maggie Livesay

Documenting your project is an important step to ensuring a successful School Wildlife Habitat Project and to ensure sustainability of your project over time. It is important to document your project from the very beginning and record the various stages of your outdoor learning center or schoolyard habitat enhancement project. The project notebook provides:

- A visual record of your schoolyard project that can be passed from one year to the next.
- A memory record for you, the students and your habitat team.
- An avenue for sharing information with your school community, (teachers, parents, students, custodians, administrators) and the community at large.
- An opportunity to share your success with other schools.
- An opportunity to visually share with those that may provide funding for your project.
- A place for students to showcase their projects, drawings, poems and written works.
- A chance for creative expression for a member of your Habitat Team.

Recommendations for Creating a Project Notebook

There are many ways to record your success and document your schoolyard habitat projects. Below is one suggestion that many 4-H Wildlife Member Schools have found helpful:

- **TOOLS** - Purchase a three-ring view binder with inside pockets, many clear plastic 8 ½ x 11 sheet protectors for photos and text. Include tabs or dividers to separate various sections.
- **WHAT GOES INSIDE** – Include lots of pictures of youth working in the habitat or engaged in an activity. Photograph community resource instructors and 4-H Wildlife Stewards working with the students. Include pictures of presentation days, assemblies and student awards. Include student drawings, poems or brief writings.
- **A PAGE LAYOUT** – Include pictures, poems, etc., a short narrative and the date!!
- Find someone at your school who enjoys doing scrap booking to be a member of your Habitat Team. Be creative, have fun and **SHARE YOUR SUCCESS!!!!!!**



Bulletin Board Criteria 4-H Wildlife Stewards

by Amy Herron

Bulletin Board MUST Include:

- 4-H Wildlife Stewards Recognition
- Oregon State University Extension Service Recognition
- Contact # for 4-H Wildlife Stewards or Teacher in charge of habitat.
- Contact # for more information on the 4-H Wildlife Stewards program in general

Fun Things to Include in Your Bulletin Board:

- Bird, insect, plant of the month
- Photos of students in the habitat
- Student works i.e. poems, drawings, observations, wildlife inventories
- Fun facts for students to know
- Lots of eye-catching color

Any creativity you can muster depending on space available!

EXAMPLE



RESOURCES

SCIENCE IN THE HABITAT

by Susan Wieske

In the next few months you will begin to see buds on trees, new foliage, and animals coming out of their winter sleep. Observe! Observe! Observe! Observation is key in scientific investigation. Students can observe, describe, and identify the insects they find in the habitat. Here are a few tips to keep in mind when working with your students:

- Select appropriate instruments to make the observations. Describe and compare insects in terms of number, shape, texture, size, weight, color, and motion. Why are accurate descriptions important in science? Distinguish observations from ideas and speculations.
- Ask Questions! Seek answers by careful observation, experimenting, and predicting the outcome. Research! Learn about the different parts of an insect. Does it have eight legs or six?
- Learn about the stages of life changes for certain insects: METAMORPHOSIS. Research the benefits of insects. For example did you know that earthworms

aerate the soil and improve root growth and water retention? They also can provide vital nutrients to your soil. Ladybugs are not only attractive insects, but they are beneficial as well.

- Finally, do you know if bees can fly in the rain? Not without their yellow jackets!

Some Insect Trivia (Taken From Ranger Rick's Naturescope)

- The longest insect ever found is a tropical stick insect from Asia. Some of the females get to be over a foot (30 cm) long.
- The largest animal in Antarctica that lives strictly on land is a wingless fly less than ¼ of an inch (6 mm) long.
- A cockroach can live nine days without its head.
- Fleas can jump 200 times the length of their bodies.
- A tiny insect called a biting midge can beat its wings 1000 times a second.

Oregon State Service Corps—AmeriCorps Positions in Oregon

The Oregon State Service Corps, an AmeriCorps partnership of the Northwest Service Academy and the Oregon Trail Chapter of the American Red Cross, has summer service opportunities statewide in Oregon. Positions serving the environment are available in Portland, Medford, Eugene, Bend, Canby, and La Grande. Members will serve in a variety of roles with Wolftree, US Forest Service, Training and Employment Consortium, Medford Job Council, Long Tom Watershed Council, and the Canby School District.

These are 900-hour AmeriCorps positions that serve March 6 through September 6. Members receive a \$2,362.50 education award and approximately \$820 in a monthly living allowance. AmeriCorps members must be at least 18 years old, a US Citizen or lawful permanent resident, and committed to making a difference in their community.

For more information, contact John Gaddis, Oregon State Service Corps Coordinator at 503-736-9814 or john.gaddis@esd112.org



COOPERATIVE EXTENSION SERVICE
U.S. DEPARTMENT OF AGRICULTURE
OREGON STATE UNIVERSITY EXTENSION HALL
CORVALLIS, OR 97331

FIRST
CLASS

OFFICIAL BUSINESS

4-H Wildlife Stewards Training Scheduled for May 9-11th

Wilsonville, Oregon
Namaste Retreat and Conference Center
9:00 a.m.-5:00 p.m. each day

Training Cost: Unconfirmed at Press Time
(low cost lodging will be available)

The State 4-H Wildlife Stewards Training Team is coming to the Portland Metro Area! Mark your calendars now! This is an ideal opportunity for new and current 4-H Wildlife Stewards Schools and volunteers to recruit additional parents, teachers or community supporters to become a 4-H Wildlife Steward at your school. The training

is scheduled for Thursday-Saturday, May 9-11th and will be held at the beautiful Namaste Retreat Center in Wilsonville, Oregon. Wilsonville is just 20 minutes south of Portland and 30 miles north of Salem. The Namaste Retreat and Conference Center includes beautiful landscaped gardens, outside courtyards and ponds, and a quiet forest setting which makes it an ideal learning environment. The training fee includes Project notebook and curriculum, all training materials, lunches each day, and a morning and afternoon snack.

Please call the 4-H Wildlife Stewards office at 503-725-2027 to receive an application and additional information.



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