

Residential Outdoor Science School



- ❖ Curriculum tied to Oregon State Education Standards
- ❖ Safe fun learning environment
- ❖ Environmental studies
- ❖ Social learning
- ❖ Two, three or four night programs
- ❖ Full instructional program provided
- ❖ Inspires lifelong learning

There is something very special about combining students with the outdoors. Their natural inclination to explore, combined with guidance from qualified educators, results in an outstanding educational experience.

In the natural laboratory at Outdoor Science School, the study of ecology, science, math and conservation of natural resources takes on real meaning. Through hands-on activities, students develop an understanding of individual parts of the environment and how the parts fit together. They develop an appreciation of the natural world and their place in it.

At the same time, social growth occurs as the students learn, live and play together in well-supervised cabin groups.



Curriculum

- ❖ Tied to 5th and 8th grade benchmarks in
 - Science
 - Math
 - Social Science
 - English
- ❖ Student pre and post assessments
- ❖ Learning documented in a Field Study Journal
- ❖ Environmental career exploration
- ❖ Responsible citizenship

At Outdoor Science School, students learn by doing. Qualified instructors, assisted by high school and college volunteers, lead the students through structured small-group activities in a variety of ecosystems.

The curriculum is based on the standards set by Oregon's Educational Act for the 21st Century and is aligned with grade level benchmarks for 5th and 8th grades.

Students are assessed before and after Outdoor Science School to illustrate growth in select Science Content Standards.

Opportunities to apply skills in mathematics, English and the creative arts are woven into the curriculum and social components of the program.

Students are exposed to careers in science and natural resource management and have the opportunity to participate in real scientific research through data collection and analysis.

Target Audience

- ❖ Any public or private school can participate
- ❖ Grade levels 3 – 8
- ❖ Home school groups
- ❖ No group too small or too large
 - Groups of over 130 will be split.
 - Small groups will attend with students from other schools.
- ❖ We welcome students with special needs

While Outdoor Science School is traditionally designed for fifth and sixth graders, we regularly adapt the program to fit the needs of varying age groups.

Social Living

- ❖ Cooperative living skills
- ❖ Responsible independence
- ❖ Health, hygiene and nutrition
- ❖ Outdoor recreation

Students not only study together, they live together. In the cabin setting, they practice skills of cooperation, take responsibility for themselves, and just have fun.

They learn to function as a team as they perform basic duties such as serving meals or presenting a weather forecast. They work together to maintain a neat and clean Outdoor Science School environment. Family style dining reinforces table manners, etiquette and nutritional diet.

Supervised recreation periods and evening campfire programs support these experiences.



Outdoor Science School Sites

- ❖ Cedar Ridge (Vernonia)
- ❖ Trickle Creek (Oregon 4H Center, Salem)
- ❖ Westwind (Lincoln City)
- ❖ Magruder (Rockaway)

All of the Outdoor Science School sites have comfortable sleeping cabins with heat and electricity, restroom facilities with showers, a dining hall and covered areas for field studies. There are excellent study areas with forests, meadows, ponds and streams. Camp Westwind also has tide pools, sand dunes, estuary, and beach study areas. Magruder is also on the Oregon coast.

The Details

- ❖ The Residential Outdoor Science School operates in the fall, October through November, and in the spring during the months of April and May.
- ❖ Participating schools provide one teacher per class, transportation, and recruitment of high school or college student counselors at a ratio of one counselor to seven students.
- ❖ We can customize a program for a single class or an entire school district.

Costs for 2011-2012 school year

	FALL 2011	SPRING 2012
5 DAY (all schools)	\$223	\$238
4 DAY (Inside ESD Shared Services Co-Op)	\$176	\$191
4 DAY (Outside ESD Shared Services Co-Op)	\$186	\$201
3 DAY (Inside ESD Shared Services Co-Op)	\$132	\$147
3 DAY (Outside ESD Shared Services Co-Op)	\$142	\$157

Schools from Clackamas, Clatsop, Columbia, Hood River, Marion, Multnomah, Polk, Tillamook, Wasco, Washington & Yamhill counties are **Inside the ESD Shared Services Co-Op area.**

- ❖ Schools attending Westwind will pay an additional \$25 per student surcharge to cover increased rental rates. (The 3-day program is not available at Westwind.)
- ❖ Fee includes instruction, supervision, housing, meals (from lunch on the first day to lunch on the last day), supplies, counselor training, student field-study journals, and student accident insurance.

John Jackson, Supervisor
Northwest Outdoor Science School
Northwest Regional ESD
5825 NE Ray Circle
Hillsboro, OR 97124
(503) 614-1645
Toll-free in Oregon 1-888-990-7500
jjackson@nwresd.k12.or.us

Program Themes

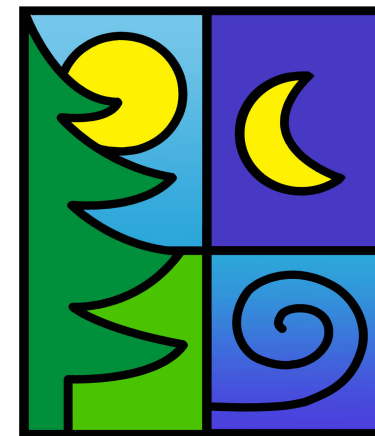
- ❖ **Residential Outdoor Science School**
 - Western Oregon Forest Ecology
 - Native Flora & Fauna
 - Watersheds, Wetlands and Streams
 - Geology, Soils, Natural Cycles
 - Coastal Ecology
- ❖ **Community-based Outdoor Science School**
 - NOSS staff comes to your community to deliver Outdoor Science School for your school district.
 - Can take place at a local church camp, sports camp, retreat center or public campground.
 - We can even do multi-day Outdoor School programs on your school campus or in a local park or greenspace.

Fee is estimated at \$25 per student per day and may vary based on program design, duration, travel, and local accommodations.

\$25 fee is for staffing only, based upon the local school providing housing and meals for students and Outdoor School staff.

This brochure focuses on the **RESIDENTIAL OUTDOOR SCIENCE SCHOOL**. The description, though focused on a traditional model of Outdoor School, will give a general overview of what to expect in the other Program Themes described above. Please call us and we can discuss a customized program for your school.

Residential Outdoor Science School



**NORTHWEST
OUTDOOR
Science School**

“Where Learning Comes Naturally”

Mission

Northwest Outdoor Science School contributes to the development of environmental literacy and responsible citizenship, provides hands-on learning experiences that are integrated with local school curricula, and promotes learning about and appreciation for the natural world.

A program of the
Northwest Regional Education Service District

www.nwresd.k12.or.us
 (Click “Outdoor School” link)