



Field-based Natural History Courses In and About the Klamath Siskiyou

Contact: Meryl Six **Phone:** office: (541)-597-8530, cell: (503)-407-5211

Email: youthprograms@thesfi.org

Mailing Address: P.O. Box 207 Selma, Oregon

Physical Address: 1241 Illinois River Rd. Selma, OR 97538

Website: www.thesfi.org

Content Focus: Watersheds, Songbirds, Mammals, Geobotany, Solar Science and other natural history related subjects.

Brief Description: We offer overnight and day programs in the subject areas listed above aligned to NGSS and 3-day(2-night) outdoor school programs for 5th and 6th graders. We also have an outdoor challenge course which is a great addition to any program or can be utilized as a stand-alone, team-building program. We have 2 yurts that can accommodate up to 30 students total (18 in one, and 12 in the other). We have tents for groups larger than 30.

Audience: Elementary – High School

Field Trips/Events

Program Title	Grade Level	Max Number	Topics	Curriculum Standards	Cost*	Length	Location	Dates Offered	Additional Info.
Memorable Mammals	3 – 4	30 students.	Mammals	NGSS 5-PS1-3 4-PS3-2	\$31.50 per student, based on 30 student enrollment	4 hours	Selma, OR	Fall and Spring	Larger groups OK **
Growing up Wild	2 – 5	30 students	Mammals	NGSS 5-PS1-3 4-PS3-2	\$31.50 per student, based on 30 student enrollment	4 hours	Selma, OR	Fall and Spring	Larger groups OK **
NEW! Rooted in Nature	Pre-K –2	30 students	Plants, Animals, Journaling, Insects, Drawing.	NGSS LS1.A; LS1.B; LS1.C; LS1.D;	\$31.50 per student, based on 30 student	4 hours	Selma, OR	Fall and Spring	Larger groups OK **

				LS2.A; LS3.A; LS3.B; LS4.D; ESS2.D; ESS2.E; ESS3.A; ESS3.C; PS3.D	enrollment				
Geobotany Bonanza	6 –12	30 students.	Klamath-Siskiyou Geology and Botany	NGSS DCI Alignment: ESS1.C: ESS2.A: ESS2.B: ESS2.E: ESS3.A: LS1.C: LS2.A: LS2.C: LS4.C:	\$31.50 per student, based on 30 student enrollment	4 hours	Selma, OR	Fall and Spring	Larger groups OK**
Songbirds Science	4 – 5	30 students.	Songbirds Riparian Ecology	NGSS DCI Alignment: LS1.A; LS1.B; LS1.C; LS1.D; LS2.A; LS2.C; LS2.D; LS3.A; LS3.B; LS4.B; LS4.C; LS4.D	\$31.50 per student, based on 30 student enrollment	4 hours (day) or 2 days, 1 night	Selma, OR	Spring	Larger groups OK. (\$20/ each additional student overnight)

NEW! Siskiyou Outdoor School	5-6	30 students	Plants, Animals and Water field study sessions.	NGSS Disciplinary Core Ideas Alignment: ESS1.A ESS1.B ESS2.A ESS2.B ESS2.C ESS3.A ESS3.C ESS3.D LS1.B LS2.A LS2.B LS2.C LS4.C LS4.D PS3.D	\$135.45 per student, based on 30 student enrollment Day program option: \$82 per student, based on 30 student enrollment	3-day, 2 night	Selma, OR	Fall and Spring	3-day ODS sessions are scheduled on a bi-weekly basis, Monday-Wednesday and Wednesday-Friday.
Solar Science Explorations	6 - 8	30 students	Solar Energy Generation, Renewable Energy, Natural Resources and Environment. Nutrient Cycling and Earth Systems, Natural, Energy Systems, Hazards, Climate	NGSS 4-ESS3-1 5-ESS3-1 4-ESS3-1 MS-LS2-1 HS-ESS3-1 4-PS3-4 MS-PS3-2 4-PS3-2 MS-ESS3-3 HS-ESS3-4	\$31.50 per student, based on 30 student enrollment	4 hours (day) or 2 days, 1 night	Selma, OR	Spring and Fall	Larger groups OK. (\$20/ each additional student overnight)
Watersheds: From the Mountain Top to Valley Floor	5 – 8	30 students.	Watersheds, hydrology, aquatic (&connections with upland) food webs, macroinvertebrates, water quality testing and stream health monitoring, cave ecosystems.	NGSS ESS1.A ESS1.B ESS2.A ESS2.B ESS2.C ESS3.A ESS3.C ESS3.D LS1.B LS2.A LS2.B LS2.B LS2.C LS4.C LS4.C	\$48.41 per student, based on 30 student enrollment	2 days, 1 night (overnight) or 5 days, 4 nights (extended)	Selma, OR and Oregon Caves Nat'l Monument	Fall and Spring	Larger groups OK.*** One day at OR Caves.

				LS4.D PS3.D					
Tributary Tales	6-12	30 students	(Developing and using models, develop models to describe phenomena in nature ...)	NGSS DCI Alignment: LS1.B LS2.A LS2.C LS4.C LS4.D ESS2.C ESS3.C	\$48.41 per student, based on 30 student enrollment			Fall and Spring	
High School Watershed Investigations	9 - 12	30 Students	Watersheds, Hydrology, Riparian Ecology, Natural Resources, macroinvertebrates, aquatic (&connections with upland) food webs, water quality testing and stream health monitoring, salmon life cycle.	NGSS ESS2.B: ESS2.C: ESS2.E: ESS3.C:	\$31.50 per student, based on 30 student enrollment	4 hours (day) or 2 days, 1 night	Selma, OR at the field institute and/or Selected field trip locations along local rivers and streams.	Fall and Spring	
Siskiyou Science Explorations	9-12	30 students	Plate tectonics and earth systems, the role of water in earth's surface processes, biogeology and geology of the Klamath Siskiyou bioregion, Ecosystems, biodiversity, water quality monitoring, ecological restoration.	NGSS ESS2B ESS2C ESS2E ESS3C HS-LS2-5 HS-LS2-6 HS-LS2-7	\$135.45 per student, based on 30 student enrollment Day program option: \$82 per student, based on 30	3 days, 2 nights	Selma, OR	Fall and Spring	

					student enrollment				
Classroom Visit	All	All	All		\$25/ instructor	1 hour	Classroom	Fall and Spring	Pre and/or Post visit from SFI instructor.
Low Ropes Course (school)	5 - 12	30 students	Group Cohesion/ Team-Building, Self-Efficacy, Communication Skills, Cooperation		\$300	2 hours	SFI	Fall and Spring	\$10/ participant
Low and High Ropes Course (school)	5 - 12	30 students	“ “		\$750	4 hours	SFI	Fall and Spring	\$25/ participant

**Additional fees apply for groups of more than 30 students. Contact the youth coordinator for an estimate.*

***Schools may be eligible for Outdoor School Funding through grants, scholarships and state-wide funds.*

Refunds or credits will not be granted for having fewer participants on the day of your field trip than what is represented on your registration form.

Service Learning Opportunities and Partnerships

- We collaborate with the Oregon Caves National Monument for our Watersheds programs. We also utilize the OSU Extension Service’s Citizen Science Database, StreamWebs. Siskiyou Audubon Society members volunteer to go birding with students during songbird programs. We are willing to work with teachers to provide service learning opportunities that could include, planting for pollinators, invasive species removal, and riparian zone restoration.

Outdoor School Student Leader Program

- Student Leaders are high school age youth with an interest in outdoor learning and a commitment to service in their communities. As a student leader, you will build your leadership skills by acting as counselors, teachers, role-models for 5th-6th grade students at outdoor school. This program builds confidence and collaboration skills while providing students with the unique opportunity to earn community service hours and add meaningful volunteer experience to their resumes. High school student leaders stay on site and are provided with all meals and lodging during our 3-day 2 night 5th and 6th grade outdoor school programs. High school student leaders will receive training, mentorship, evaluations and progress reports from SFI staff members. SFI youth programs will work with area high schools and RCC to offer student leaders credits towards graduation or higher education for their service learning hours. We are excited to offer this opportunity to high school students in the Illinois Valley! If you are a high school student interested in this program please contact the guidance counselor at your school to apply. Student leaders must be recommended by their high school counselors. Student leaders must also attend a 2-day training session and be accepted into the program by outdoor school staff. Passing grades, completion of all homework and a good attendance record are all prerequisites for students wishing to become student leaders.

New Programs

- **Solar Energy Curriculum-** Participants learn the science behind photovoltaic cells and other solar energy systems, Oregon’s energy policy and local renewable and energy efficiency efforts, renewable energies, careers in solar and other growing renewable energy and STEM (science, technology, engineering and math) fields, all through hands-on engaging activities. Students will build and design models and participate in small group projects demonstrating learning concepts in an innovative curriculum within Next Generation Science Standards.

