

PINE BASIN HIGH SCHOOL ECOSCIENCE OVERVIEW



Pine Basin Ecoscience for High School students started in August of 2016 to allow high school students the chance to experience field biology in the Targhee National Forest. The class consists of 2 weeks of online study, followed by one week in the field at Pine Basin Lodge outside of Swan Valley Idaho.

The field week at Pine Basin Lodge is residential for 5 days starting on Monday morning and returning to Idaho Falls on Friday afternoon. The class is Co-Ed, however, males and females have separate sleeping facilities. There is a staff of educators and teaching assistants along with adult volunteers to supervise.

The class is currently offered in conjunction with Bonneville Online High School, Bonneville and Hillcrest High Schools. The class awards a high school credit in Environmental Science. Even though it is sponsored by District 93 Schools, if room allows, students from other districts may attend with the credit transferring.

The curriculum covers both biotic and abiotic factors and includes a field day in Grand Teton National Park. The following is a list of subjects covered for each day.

Monday: Soil formation and conservation, Geologic formations/strata
Water cycle, Water usage management, Fossil formation.
Activities: Fossil dig, Rhyolite formation hike.

Tuesday: Taxonomy/classification, Forest biomes, Riparian biomes, Field Sampling,
Wildlife habitat and nocturnal habits.
Activities: Water hike/P.E.T. collection and sample. Night hike/Nocturnal
studies, Predator and Prey simulation.

Wednesday: Jackson Hole/Grand Teton National Park. Plate tectonics, Fault study,
Biome comparison.

Thursday: Plant and animal classification cont., Ecosystems, Symbiotic relationships.
Activities: Lower Palisades trip. Parent and friends night.

Friday: Dendrochronology, Forest Service procedures, Fish and Game management.
Testing.

Activity: Core Sampling, Exams

During the week there are other activities to help make the experience enjoyable. Some of these activities include:

Campfire programs
Night Hike/story telling
Cook-out barbeques and outdoor cooking
Movie night
Jackson Hole Playhouse
Parent/friends night
Educational games
Ga Ga Tournament.

Dates for the 2018 year are Week 1 June 30 –Aug 3rd , Week 2 August 6-10.

If enrollment is such that there are not 32 students in each week, we will try to combine weeks with week 1 being the probable week.

The student portion of the fee for this class is \$194.50

In order to register, visit Pinebasin.com and click on the high school application link.

If there are any questions, please contact Darren Guthrie at Bonneville High School.
Cell : 208 757 2857.

