

Galena Creek Visitor Center

Six miles up Mt. Rose Hwy from South Reno

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www.GalenaCreekVisitorCenter.org



Day and Residential Outdoor School Field Studies



"Thank you for the amazing experience my 2nd graders had with you. Great Basin Naturalists provided such a nurturing environment for our students to explore, learn and be a part of the natural outdoor area. ."

Ann Urie, NBCT
Lenz Elementary

Great Basin Naturalists at Galena School Field Studies are provided through a partnership between Washoe County, U.S. Forest Service and Great Basin Institute.



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Quality outdoor day and residential school field studies that emphasize STEM curriculum and discovery-based learning.



Great
Basin
Naturalists
at Galena

Program Overview

Hands-on, discovery based science education paired with physical activity to inspire and reinforce core learning in an outdoor setting.



All Day, Extended Day, and Residential Programs include:

- Optional pre-trip program at your school
- Nevada Common Core and NGSS curriculum
- Experienced Environmental Educators guiding student learning
- Opportunities for students to question, discuss, investigate, hike, problem solve, draw conclusions, and much more!

Title 1 schools receive full and partial scholarships provided by:



William N. Pennington
Foundation

and individual supporters. Thank you!

Program Pricing (per student)

Non-Title 1 Schools

May Include

Breakfast Lunch Snacks Dinner Campfire

Program Pricing (per student)	Non-Title 1 Schools	Breakfast	Lunch	Snacks	Dinner	Campfire
Day	\$5					
Extended Day	\$40	✓	✓	✓	✓	✓
Residential 2 day/1 night	\$80	✓	✓	✓	✓	✓
Residential 3 day/2 night	\$120	✓	✓	✓	✓	✓
Residential 4 day/3 night	\$160	✓	✓	✓	✓	✓
Residential 5 day/4 night	\$200	✓	✓	✓	✓	✓

Meals are subject to change depending on program need.

"These programs offer such rich, outdoor education and help Washoe County School District meet its goal of providing superior education in a safe and challenging environment."

Kelly Cannon, Washoe County School District Science and STEM Education Coordinator

Sample Curriculum Topics and Standards

Galena Creek Recreation Area is a living laboratory. Each field study is designed to create unique experiential learning opportunities for students.

Forest Life and Lifecycles (K-3)

Students identify various stages that plants and insects experience throughout their lives and the roles these stages play in ecosystem function. Core ideas may include how plants need sunlight and water to grow, how to compare diversity in different habitats.

NGSS: K-LS1-1; K-ESS2-2; K-ESS3-1; K-ESS3-3; 1-LS1-1; 2-LS2-1; 2-LS4-1; 3-LS3-2; 3-LS4-3

Insect Planet (K-3)

Core ideas will include the use of observations to describe patterns in organisms, how organisms can change the environment to meet their needs, how a habitat affects the survival of its inhabitants and how these organisms have unique and diverse life cycles.

NGSS: K-LS1-1; K-ESS2-2; K-ESS3-3; 1-LS1-1; 1-LS3-1; 2-LS4-1; 3-LS1-1

Animal Adaptations (3-5)

Core ideas will include how an animal's traits relate to the environment, how animals adapt to survive and how change in the environment affects animals.

NGSS: 3-LS1-1; 3-LS2-1; 3-LS3-1; 3-LS3-2; 3-LS4-3; 4-LS1-1; 4-LS1-2; 5-LS2-1

Food Webs (3-5)

Core ideas will include how energy in food comes from the sun, how energy moves among plants, animals and decomposer, and how characteristic in an organism may provide advantages in survival.

NGSS: 3-LS4-4; 4-LS1-1; 5-PS3-1; 5-LS2-1

Water Life and Systems (3-5)

Core ideas will include understanding how structures function to support an organism, how an organism's traits are influenced by the environment, how water is locally distributed and how the environment affects the survival of various species.

NGSS: 3-LS3-2; 4-LS1-1; 5-ESS3-1

Surviving in the Sierras (3-MS)

Core ideas will include how groups help members survive, how traits are influenced by the environment, how characteristics help a species survive and how organisms need energy from the sun to survive.

NGSS: 3-LS2-1; 3-LS4-2; 3-LS4-3; 4-LS1-2; 5-PS3-1; MS-LS1-5; MS-LS4-4

Clean Air Challenge (4-5)

Core ideas include how energy and fuels are derived from natural resources and how their uses affect air quality, identify ways to reduce air pollution and help protect Earth's resources and environments.

NGSS: 4-ESS3-1; 5-ESS2-1; 5-ESS3-1

Plant and Animal Interdependence (4-MS)

By focusing on plants or animals, students identify the movement of energy and matter through a balanced ecosystem.

NGSS: 4-LS1-1; 5-LS1-1; 5-LS2-1; 5-PS3-1; MS-LS2-1; MS-LS2-2; MS-LS2-3; MS-LS2-4; MS-LS2-5

Water Quality Assessment (MS-HS)

Using appropriate measurement tools, students conduct water quality tests in multiple water bodies and learn how environmental factors influence biotic systems.

NGSS: MS-LS2-1; HS-LS2-6; HS-LS2-7; HS-LS4-5; HS-ESS3-4



Residential and Extended Day Field Studies

Beautiful WeChMe Lodge, a secluded forested retreat, boasts a professional kitchen, dining area, lawn, campfire area, showers, and two floors of dorms.



"I was able to participate in a 10-hour extended day field trip with Katherine Dunn Elementary, and it was absolutely fabulous! The students were always engaged and participated eagerly."

Everyone was tickled to enjoy a campfire and roasting marshmallows. Many of our kids had never been in a forest before, and this was a unique experience for them. I really appreciated your staff helping us with fundraising to make this experience happen for our students."

Debi Stears , Washoe County School District
Community Outreach Coordinator

"The two days and one night program was a truly effective and highly engaging learning experience for all of our 5th graders."

Our students hiked, observed nature, compared water samples, took notes, applied their knowledge through games and activities, worked as partners and teams, managed their food waste, and engaged in positive social interactions with each other."

Teachers, parents and students are so grateful for this opportunity so close to home."

Nancy R. Crosby, Hunsberger Elementary School

