

Journey through the Great Basin 2-5 Overview & Standards



Have you ever wondered how plants survive in a high desert environment? Join us on our Journey through the Great Basin as we explore the world of Native Plants, Conifers, and how water is fundamental to their survival in a high desert environment. We will discover the native plant communities in our Native Area, and the mystery of Conifers in David's Grove. With our 3D watershed models students will investigate the causes of non-point source pollution, and learn how water moves through the environment with an interactive activity. At the May Arboretum, we strive to educate students on how plants survive in the Great Basin and what they can do to help. Contact the Arboretum Educator today to schedule your next outdoor classroom!

Nevada Academic Content Standards

SL.2.3: Ask and answer questions about what a speaker says in order to clarify comprehension, gather additional information, or deepen understanding of a topic or issue.

SL.3.3: Ask and answer questions about information from a speaker, offering appropriate elaboration and detail.

SL.4.3: Identify the reasons and evidence a speaker provides to support particular points.

SL.5.3: Summarize the points a speaker makes and explain how each claim is supported by reasons and evidence.

Next Generation Science Standards

2-LS4-1: Make observations of plants and animals to compare the diversity of life indifferent habitats.

2-ESS2-1: Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land.

3-LS3-2: Use evidence to support the explanation that traits can be influenced by the environment.

3-LS4-3: Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.

3-ESS3-1: Make a claim about the merit of a design solution that reduces the impacts of a weather-related hazard.

4-LS1-1: Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.

4-ESS2-2: Analyze and interpret data from maps to describe patterns of Earth's features.

5-LS1-1: Support an argument that plants get the materials they need for growth chiefly from air and water.

5-LS2-1: Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.