

## Crater Lake National Park STEAM in the PARK

### Invasive Species

- Define and give examples of invasive species
- Describe the impact an invasive species has on an ecosystem
- Use the engineering design process to design a solution to mitigate the impact of an invasive species

### Endemic Species

- Understand that biodiversity of an ecosystem depends on many interconnected factors and that an effect on one factor can influence all the others
- Identify endemic and endangered species in Crater Lake and explain why native habitats are critical to the survival of these species
- Name three reasons why people should care about the loss of endemic species
- Describe the impacts of invasive species

### Volcanoes

- Learn how volcanoes form and grow
- Discover that not every mountain is a volcano
- Identify igneous rocks and to separate them into two groups: from magma (inside the earth, slow cooling) or from lava (outside the earth, fast cooling) according to rock characteristics
- Discover the difference between red (effusive eruptions) and gray (explosive eruptions) volcanoes and how this relates to volcanic hazards

### Klamath Indian Studies

- Understand the development of modern tribal governments and their functions and importance in contemporary society
- Understand and appreciate the roles of history, culture, and politics in the development of tribal world views that relate to modern life and contemporary issues of concern for Native American peoples
- Recognize stereotypes about Native American peoples and explain why these stereotypes were created and why they are sustained in modern society

