

Johnston Ridge Observatory & Coldwater Lake

11:30 Arrival Time

Before you leave

Gather chaperones and define your expectations for them during the field trip. Chaperones are responsible for helping students' complete their assigned activities and for supervising their student groups' behavior at all times. Leave your school and drive on I-5 to the Castle Rock exit #49.

Drive to the Coldwater Lake Recreation Area on State Route 504. Review the Monument's rules and regulations, and complete "Reading the Landscape" mapping activity en route.

11:30 to 12:00

Upon arrival at the Coldwater Lake Recreation Area **eat lunch** in the picnic area. . There is a picnic area and bathrooms at the site. .

12:00 to 1:00

Gather students at the 'Birth of a Lake Trailhead'. Discuss the importance of students staying on the trail at all times and emphasize that the collection of rocks, wood, plants and animals is prohibited. Conduct one of the lesson plans posted on the teachers corner.

If you want to examine how landforms, water, plants and animals are influencing the development of habitats conduct: "Changing Habitats"

If you want to examine management and ethical issues faced by the Monument Manager conduct: "Natural or Unnatural"

1:00 to 1:20

Drive to the Johnston Ridge Observatory. A ranger will board your bus and review rules and behavioral expectations upon arrival. If a ranger is not present have your students wait on the bus while a chaperone walks up to inform us of your arrival. Instruct the bus driver to drive to the drop off/pickup area by 2:30 to speed the loading process.

1:20 to 1:35

Students use information from exhibits inside the Observatory to complete the worksheet "Volcanoes Shake and Bake".

1:35 to 2:00

Watch the 1:40 showing of "Message from the Mountain," a 16-minute theater presentation on the May 18, 1980, eruption and subsequent dome building eruptions. **Theater doors close automatically at 1:40. No admittance after the movie begins, next show is biologically focused and starts at 2:10.**

2:00 to 2:30

Students use information from exhibits inside the Observatory to complete the worksheet "Volcanoes Shake and Bake".

2:30

Ask the ranger behind the information desk to make an announcement over the PA system to have your group return the parking lot. Depart for your school. Conduct "Volcanoes A-Z" activity en route to your school.