

Johnston Ridge Observatory & Coldwater Lake

11:00 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.

11:00 to 12:10

Upon arrival to the Coldwater Lake Recreation Area provide time for a bathroom break. Have students gather at the 'Birth of a Lake Trailhead' and discuss the importance of students staying on the trail at all times and that the collection of rocks, plants, or animals is prohibited. Conduct one of the lesson plans posted on the teachers corner.

If you want to examine the landslides role in forming the lake and how landforms, water, plants and animals are influencing the development of habitats conduct: "What's Shaping this Habitat?".

If you want to examine management and ethical issues faced by the Monument Manager conduct: "Shades of Gray".

12:10 to 12:40

Eat Lunch in the picnic area.

12:40 to 1:00

Drive to the Johnston Ridge Observatory. A ranger will board your bus and review rules and expectations on arrival to the Johnston Ridge Observatory parking lot. 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 2:10 to speed the loading process.

1:00 to 1:40

Students use information from exhibits inside the Observatory to complete the worksheet "Constructive Destruction".

1:40 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 2:15

As students exit the theater direct them us the bathroom facilities and to head back to the bus.

2:15

Depart for your school. Conduct "Volcanoes A-Z" activity en route to your school.