

## Johnston Ridge Observatory & Eruption Trail

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 12:20

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.

12:20 to 12:40

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

12:40 to 1:00

Watch the 12:40 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 12:40. No admittance after the movie begins, next show is biologically focused and starts at 1:10.**

1:00 to 1:30

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

1:30 to 2:30

Ask the ranger behind the information desk to make an announcement over the PA system to have your group meet in the viewing plaza in front of the building. Conduct one of the "Eruption Trail" lesson plans posted on the teachers corner:

If you want to examine the lateral blasts impacts conduct: "Mass Gas Blast".

If you want to examine the eruptions impacts on a landscape level conduct: "Mount St. Helens: Flowing, Blowing, Glowing".

If you want to examine the eruptions impacts and recovery on a landscape level conduct: "A Fine Line Between Life & Death"

If you want to examine the lateral blasts impact to and recovery on Johnston Ridge: "Biologic Pathways"

It has taken decades for plant life to get a foothold on this ridge. Explain the importance of staying on trail and that the collection of rocks, plants or animals is prohibited. This trail ends in the parking lot; when students complete the activity, have them follow the trail back to the bus.

2:30 to

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