

Pyroclastic Group

Johnston Ridge, Coldwater Lake, Castle Lake

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 and take State Route 504 to the Johnston Ridge Observatory. Complete "Reading the Landscape" mapping activity on State Route 504.

10:30 to 10:40

A ranger will board your bus and review rules and behavioral expectations upon arrival to the Johnston Ridge Observatory. 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 be at the drop off/pickup area by 11:45 to speed departure..

10:40 to 11:35

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

11:35 to 12:00

Watch the 11:40 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 11:40. No admittance after the movie begins, next show is biologically focused and starts at 12:10.**

12:00 to 12:20

Drive to the Coldwater Lake Recreation Area

12:20 to 12:50

Eat lunch.

12:50 to 1:50

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 any natural feature 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?"

1:50 to 1:55

This trail ends in the parking lot; have students take a bathroom break (last chance), load up and depart for Castle Lake Viewpoint.

1:55 to 2:25

Arrive to Castle Lake Viewpoint and conduct the activity "Balancing Act". This activity also examines management and ethical issues.

2:25

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

Mudflow Group

Castle Lake, Coldwater lake, Johnston Ridge

- 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 and take State Route 504 to the Castle Lake Viewpoint. Complete "Reading the Landscape" mapping activity on State Route 504.
- 10:10 to 10:40 Arrive to Castle Lake Viewpoint and conduct the activity "Balancing Act". This activity also examines management and ethical issues.
- 10:40 to 10:50 Drive to the Coldwater Lake Recreation Area and take bathroom break.
- 10:50 to 11:50 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 any natural feature 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?"
- 11:50 to 12:20 **Eat lunch** in the picnic area.
- 12:20 to 12:40 Drive to the Johnston Ridge Observatory. A ranger will board your bus and review rules and behavioral expectations on 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.
- 12:40 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 starts at 2:10.**
- 2:00 to 2:10 Have ranger at the information desk make an announcement over the PA system for students to return to the bus. Depart for your school. Conduct "Volcanoes A-Z" activity en route back to school.