

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 Upon arrival to the Johnston Ridge Observatory have your students wait on the bus while a chaperone walks up to inform us of your arrival. A ranger will board your bus and review rules and behavioral expectations. Instruct the bus driver to drive to the drop off/pickup area by 11:45 to speed the loading process.
- 10:40 to 11:35 Students use information from exhibits inside the Observatory to complete the worksheet "Constructive Destruction".
- 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 11:40.**
- 12:00 to 12:10 Stand by the theater doors as students exit and inform them to return to the bus.
- 12:10 to 12:30 Drive to the Coldwater Lake Recreation Area
- 12:30 to 1:00 **Eat lunch.**
- 1:00 to 1:45 Gather students at the 'Birth of a Lake Trailhead' and discuss the importance of students staying on the trail at all times and to not collect rocks, plants, or animals. 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"
- 1:45 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 "Ethical Equilibrium". 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 "Ethical Equilibrium". This activity also examines management and ethical issues.
- 10:40 to 10:50 Drive to the Coldwater Lake Recreation Area.
- 10:50 to 11:50 Gather students at the 'Birth of a Lake Trailhead' and discuss the importance of students staying on the trail at all times and to not collect rocks, plants, or animals. 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"
- 11:50 to 12:20 **Eat lunch** in the picnic area.
- 12:20 to 12:40 Upon arrival to the Johnston Ridge Observatory have your students wait on the bus while a chaperone walks up to inform us of your arrival A ranger will board your bus and review rules and behavioral expectations.
- 12:40 to 1:35 Students use information from exhibits inside the Observatory to complete the worksheet "Constructive Destruction".
- 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 2:10. No admittance after the movie begins, next show is biologically focused and starts at 1:10.**
- 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.
- 2:10 to Depart for your school. Conduct "Volcanoes A-Z" activity en route back to school.