

Hummock Group

Johnston Ridge, Eruption Trail, 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.
- 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 12:40 Have ranger at the information desk make an announcement over the PA system for students to the bus to **eat lunch**. Due to problems with food scraps, litter and aggressive ground squirrels we request that school groups not eat lunch in the viewing plaza adjacent to the observatory.
- 12:40 to 1:40 Return to the viewing plaza and conduct one of the "Eruption Trail" lesson plans posted on the teachers corner:
- If you want to examine the lateral blasts impacts on a landscape level conduct: "The Case of the Big Blast".
- If you want to examine the lateral blasts impact to and recovery on Johnston Ridge: "Survivor Volcano".
- If you want to examine the eruptions impacts and recovery on a landscape level conduct: "Patterns of Recovery".
- It has taken decades for plant life to gain a foothold on this ridge. Explain the importance of students staying on the trail at all times and emphasize that the collection of rocks, wood, 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.
- 1:40 to 2:30 Depart for Castle Lake Viewpoint and conduct the activity "Balancing Act".
- 2:30 Depart for your school. Conduct "Volcanoes A-Z" activity in route to your school.

Lateral Blast Group

Eruption Trail, Johnston Ridge, 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 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".
- 10:40 to 11:00 Drive to the Johnston Ridge Observatory. A ranger will board your bus and review rules and behavioral expectations on 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.
- 11:00 to 12:10 Walk up to the viewing plaza adjacent to the observatory, and conduct one of the "Eruption Trail" lesson plans posted on the teachers corner
- To examine the lateral blasts impacts conduct: The Case of the Big Blast".
- If you want to examine the lateral blasts impact to and recovery on Johnston Ridge: "Survivor Volcano"
- If you want to examine the eruptions impacts and recovery on a landscape level conduct: "Patterns of Recovery".
- It has taken decades for plant life to get a foothold on this ridge. Explain the importance of students staying on the trail at all times and emphasize that the collection of rocks, wood, 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 to eat lunch. **Due to problems with food scraps, litter and aggressive ground squirrels we request that school groups not eat lunch in the viewing plaza adjacent to the observatory.**
- 12:30 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 2:45 Students use information from exhibits inside the Observatory to complete the worksheet "Volcanoes Shake and Bake".
- 2:45 to Have ranger at the information desk make an announcement over the PA system for students to return to the bus. Conduct "Volcanoes A-Z" en route back to school.