

## 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 11:05 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 12:30 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.
- 12:30 to 1:30 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 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 gain a foothold on this ridge. Emphasize the importance of students staying on the trail and remind them 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.
- 1:30 to 1:50 Travel to Castle Lake Viewpoint.
- 1:50 to 2:30 Arrive to Castle Lake Viewpoint and conduct the activity "Ethical Equilibrium".
- 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 "Ethical Equilibrium".

10:40 to 11:00

Drive to the Johnston Ridge Observatory

11:00 to 11:10

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.

11:10 to 12:10

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 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 gain a foothold on this ridge. Emphasize the importance of students staying on the trail and remind them 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.

12:10 to 12:40

Eat lunch on the bus. Due to problems with food scraps, litter and aggressive ground squirrels we request that schools not eat lunch in the plaza next to the observatory.

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 1:40. No admittance after the movie begins, next show is biologically focused and 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.

2:10 to

Conduct "Volcanoes A-Z" in route back to school.