

## Lava Group

### Johnston Ridge, Hummocks Trail

<b>Before you leave</b>	<p>Gather chaperones and define your expectations for them during the field trip. Chaperones are responsible for helping students' complete assigned activities and for supervising their student groups' behavior at all times.</p> <p>Drive I-5 to the Castle Rock exit #49 and take State Route 504 to the Johnston Ridge Observatory. Complete "<u>Reading the Landscape</u>" mapping activity on State Route 504.</p>
10:00 to 10:10	<p>A ranger will board your bus and review rules and expectations upon your arrival to the Johnston Ridge Observatory parking lot. If the 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 drive to the drop off/pickup area by 11:50 to speed the loading process.</p>
10:10 to 10:35	<p>Students use information from exhibits inside the Observatory to complete the worksheet "<u>Constructive Destruction</u>".</p>
10:35 to 11:00	<p>Watch the 10:40 showing of "Message from the Mountain," a 16-minute theater presentation on the May 18, 1980, eruption and subsequent dome building eruptions. <b>Theater doors close automatically at 10:40. No admittance after the movie begins, next show is biologically focused and starts at 11:40.</b></p>
11:00 to 11:30	<p>Students use information from exhibits inside the Observatory to complete the worksheet "<u>Constructive Destruction</u>".</p>
11:30 to 11:50	<p>Ask the ranger at the information desk to make an announcement for your group return to the bus. Drive to Coldwater Lake Recreation Area</p>
11:50 to 12:20	<p>Eat lunch in the picnic area. Have students take a bathroom break before you leave (there are no rest rooms at the next stop)</p>
12:20 to 12:30	<p>Drive to the Hummocks Trailhead. This is a research area. It is a privilege to be able to hike through this area. Before exiting the bus, emphasize the importance of staying on the trail. In addition the following activities are prohibited: collecting rocks, plants, or animals, and disturbing research equipment (pipes, stakes and flagging).</p>
12:25 to 2:25	<p>The Hummocks Trail is a moderately difficult, 2.3-mile long loop trail that traverses through the May 18, 1980, landslide. Conduct one of the "Hummocks Trail" lesson plans posted on the teachers corner:</p> <p style="padding-left: 40px;">If you want to examine the 1980 landslide in detail conduct: <u>Slide Block Rocks</u>.</p> <p style="padding-left: 40px;">If you want to examine habitat development on the landslide deposit conduct: "<u>Hummock Habitats</u>"</p>
2:25 to 2:40	<p>Drive to Coldwater Lake Recreation Area for a bathroom break and depart for school. Conduct "<u>Volcanoes A-Z</u>" activity en route to school.</p>

## Ash Group

### Hummocks Trail, Johnston Ridge

<b>Before you leave</b>	<p>Gather chaperones and define your expectations for them during the field trip. Chaperones are responsible for helping students' complete assigned activities and for supervising their student groups' behavior at all times.</p> <p>Drive I-5 to the Castle Rock exit #49 and take State Route 504 to the Coldwater Lake Recreation Area. Complete "<u>Reading the Landscape</u>" mapping activity on State Route 504.</p>
10:00 to 10:10	Have the bus driver stop at the parking lot upon arrival to the Coldwater Lake Recreation Area. Provide time for a bathroom break.
10:10 to 10:15	Drive to the Hummocks Trailhead. This is a research area. It is a privilege to be able to hike through this area. Before exiting the bus, emphasize the importance of staying on the trail. In addition the following activities are prohibited: collecting rocks, plants, or animals, and disturbing research equipment (pipes, stakes and flagging).
10:15 to 12:15	<p>The Hummocks Trail is a moderately difficult, 2.3-mile long loop trail that traverses through the May 18, 1980, landslide. Conduct one of the "Hummocks Trail" lesson plans posted on the teachers corner:</p> <p style="padding-left: 40px;">If you want to examine the 1980 landslide in detail conduct: <u>Slide Block Rocks</u>.</p> <p style="padding-left: 40px;">If you want to examine habitat development on the landslide deposit conduct: "<u>Hummock Habitats</u>"</p>
12:15 to 12:50	Drive to the Coldwater Lake Recreation Area and eat lunch in the picnic area—first parking lot on the right.
12:50 to 1:10	Drive to the Johnston Ridge Observatory. Upon arrival 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 2:20 to speed the loading process.
1:10 to 1:35	Students use information from exhibits inside the Observatory to complete the worksheet " <u>Constructive Destruction</u> ".
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. <b>Theater doors close automatically at 1:40. No admittance after the movie begins, next show starts at 2:10.</b>
2:00 to 2:15	Students use information from exhibits inside the Observatory to complete the worksheet " <u>Constructive Destruction</u> ". At 2:15 have the ranger at the information desk make an announcement over the PA system directing the students to return to the bus.
2:15 to	Provide a bathroom break, load up busses and depart for school. Conduct " <u>Volcanoes A-Z</u> " activity en route to school.