

Dacite Group

Johnston Ridge, Coldwater Lake, Hummocks

Before you leave	<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>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 11:15 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 11:10 showing of "Message from the Mountain," a 16-minute theater presentation on the May 18, 1980, eruption. Theater doors close automatically at 11:10. No admittance after the movie begins, next show is biologically focused and starts at 11:40.</p>
11:00 to 11:15	<p>Students complete the "<u>Constructive Destruction</u>" worksheet.</p>
11:15 to 12:00	<p>Ask the ranger at the information desk to make an announcement requesting that your group return to the bus. Drive to Coldwater Lake Recreation Area., and eat lunch in the picnic area.</p>
12:00 to 1:00	<p>Emphasize the importance of staying on trail and not collecting rocks, plants or other natural features. Walk the 'Birth of a Lake Trail and conduct one of the lesson plans posted on the teachers corner.</p> <p style="padding-left: 40px;"><u>"What's Shaping this Habitat?"</u> examines how landforms, water, plants and animals are influencing the development of habitats.</p> <p style="padding-left: 40px;"><u>"Shades of Gray"</u> examines management issues at the monument.</p>
1:00 to 1:15	<p>Bathroom break (NO facilities at next stop) and depart for the Hummocks Trail which is within a research area. Emphasize the importance of staying on the trail. In addition the following is prohibited: collecting any natural feature and disturbing research equipment (pipes, stakes and flagging).</p>
1:15 to 3:15	<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;">Conduct <u>Slide Block Rocks</u> to examine the 1980 landslide in detail.</p> <p style="padding-left: 40px;">Conduct <u>Hummock Habitats</u> to examine the development of habitats.</p>
3:15 to 3:30	<p>Drive to Coldwater Lake Recreation Area for a bathroom break. Depart for school and conduct "<u>Volcanoes A-Z</u>" activity in route.</p>

Andesite Group

Coldwater Lake, Hummocks, Johnston Ridge

Before you leave	<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 11:15	<p>Have the bus driver stop at the first parking lot on the right upon arrival to the Coldwater Lake Recreation Area. Provide time for a bathroom break. Have students gather at the 'Birth of a Lake Trailhead'. Discuss the importance of students staying on the trail and not collecting natural features. Conduct one of the lesson plans posted on the teachers corner.</p> <p>To examine how landforms, water, plants and animals are influencing the habitat development conduct: "<u>What's Shaping this Habitat?</u>"</p> <p>If you want to examine management and ethical issues faced by the Monument Manager conduct: "<u>Shades of Gray</u>"</p>
11:15 to 11:45	<p>This trail ends in the parking lot; take lunch break in the picnic area. Encourage students to use the restrooms here and to fill their water bottles. There are no facilities at their next stop.</p>
11:45 to 11:50	<p>Drive to the 'Hummocks Trail' which lies within a research area. Before exiting the bus, explain the importance of students staying on the trail at all times, not disturbing research equipment (stakes, pipes, flagging), and not collecting collects rocks, plants, or animals. It is a privilege to be able to hike through this research area</p>
11:50 to 1:50	<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>Conduct <u>Slide Block Rocks</u> to examine the 1980 landslide in detail.</p> <p>Conduct <u>Hummock Habitats</u> to examine the development of habitats.</p>
1:50 to 2:10	<p>Drive to the Johnston Ridge Observatory. Instruct the bus driver to drive to the drop off/pickup area by 4:00 to speed the loading process.</p>
2:10 to 2:35	<p>Students use information from exhibits inside the Observatory to complete the worksheet "<u>Constructive Destruction</u>".</p>
2:35 to 4:00	<p>Watch the 3:40 showing of "Message from the Mountain," a 16-minute theater presentation on the May 18, 1980, eruption. Theater doors close automatically at 3:40. No admittance after the movie begins, next show is biologically focused and starts at 4:10.</p>
4:00 to	<p>Direct students exiting the theater back to the busses. Depart for school. Conduct "<u>Volcanoes A-Z</u>" activity in route to school.</p>

Basalt Group

Hummocks, Coldwater Lake, Johnston Ridge

Before you leave	<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 second parking lot on the right upon arrival to the Coldwater Lake Recreation Area. Provide time for a bathroom break . Fill water bottles—no water at next stop
10:10 to 10:15	Drive to the 'Hummocks Trail' which lies within a research area. Emphasize the importance of staying on the trail, not disturbing research equipment (stakes, pipes, flagging), and not collecting natural features.
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;">Conduct <u>Slide Block Rocks</u> to examine the 1980 landslide in detail.</p> <p style="padding-left: 40px;">Conduct <u>Hummock Habitats</u> to examine the development of habitats.</p>
12:15 to 12:50	Drive to the Coldwater Lake Recreation Area. Eat lunch in picnic area.
12:50 to 1:10	Drive to the Johnston Ridge Observatory. A ranger will board your bus and review rules and expectations. If a ranger is not present have 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 2:10.
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. 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	Students use information from exhibits inside the Observatory to complete the worksheet " <u>Constructive Destruction</u> ".
2:10 to 2:30	Drive to the Coldwater Lake Recreation Area.
2:30 to 3:30	<p>Walk the 'Birth of a Lake Trail and conduct one of the lesson plans posted on the teachers corner.</p> <p style="padding-left: 40px;"><u>"What's Shaping this Habitat?"</u> examines how landforms, water, plants and animals are influencing the development of habitats.</p> <p style="padding-left: 40px;"><u>"Shades of Gray"</u> examines management issues at the monument.</p>
3:30 to	Bathroom break, and depart. Conduct " <u>Volcanoes A-Z</u> " activity in route.