

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>A ranger will board your bus and review rules and expectations upon 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.</p>
10:10 to 10:35	<p>Students use information from exhibits inside the Observatory to complete the worksheet "<u>Volcanoes Shake and Bake</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. Theater doors close automatically at 10:40. No admittance after the movie begins, next show is biologically focused and starts at 11:10.</p>
11:00 to 11:30	<p>Students complete the worksheet "<u>Volcanoes Shake and Bake</u>".</p>
11:30 to 12:00	<p>Drive to Coldwater Lake Recreation Area. Eat lunch in the picnic area.</p>
12:00 to 1:00	<p>Gather students at the 'Birth of a Lake Trailhead'. Discuss the importance of students staying on the trail at all times and emphasize that the collection of any natural feature is prohibited. Conduct one of the lesson plans posted on the teachers corner.</p> <p style="padding-left: 40px;">If you want to examine how landforms, water, plants and animals influence habitat development conduct: "<u>Changing Habitats</u>".</p> <p style="padding-left: 40px;">If you want to examine management and ethical issues faced by the Monument Manager conduct: "<u>Natural or Unnatural?</u>"</p> <p>This trail ends in the parking lot; have students take a bathroom break. And fill their water bottles (there are no facilities at the next stop).</p>
1:10 to 1:15	<p>Drive to the 'Hummocks Trail'. This is a research area. It is privilege to be able to hike here. 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.</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 the lesson plan posted on the teachers corner: "<u>Habitat Destruction and Construction</u>".</p>
3:15 to 3:30	<p>Drive to Coldwater Lake Recreation Area for a bathroom break and depart for school. Conduct "<u>Volcanoes A-Z</u>" activity in route to school.</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>Arrive at Coldwater Lake Recreation Area. Have the bus driver stop at the first parking lot on the right. Provide time for a bathroom break. Gather students at the 'Birth of a Lake Trailhead'. Discuss the importance of students staying on the trail at all times and emphasize that the collection of any natural feature is prohibited. Conduct one of the lesson plans posted on the teachers corner.</p> <p style="padding-left: 40px;">If you want to examine how landforms, water, plants and animals influence habitat development conduct: "<u>Changing Habitats</u>".</p> <p style="padding-left: 40px;">If you want to examine management and ethical issues faced by the Monument Manager conduct: "<u>Natural or Unnatural?</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'. This is a research area. It is privilege to be able to hike here. 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.</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 the lesson plan posted on the teachers corner: "<u>Habitat Destruction and Construction</u>".</p>
1:50 to 2:10	<p>Drive to the Johnston Ridge Observatory. A ranger will board your bus and review rules and expectations upon arrival. If a ranger is not present have your students wait on the bus while a chaperone walks up to inform us of your arrival.</p>
2:10 to 2:35	<p>Students use information from exhibits inside the Observatory to complete the worksheet "<u>Volcanoes Shake and Bake</u>".</p>
2:35 to 3:00	<p>Watch the 2:40 showing of "Message from the Mountain," a 16-minute theater presentation on the May 18, 1980, eruption. Theater doors close automatically at 2:40. No admittance after the movie begins, next show is biologically focused and starts at 3:10.</p>
3:00 to 3:15	<p>Students use information from exhibits inside the Observatory to complete the worksheet "<u>Volcanoes Shake and Bake</u>".</p>
3:15 to	<p>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'. This is a research area. It is privilege to be able to hike here. 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.
10:15 to 12:15	The Hummocks Trail is a moderately difficult, 2.3-mile long loop trail that traverses through the May 18, 1980, landslide. Conduct the lesson plan posted on the teachers corner: " <u>Habitat Destruction and Construction</u> ."
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. A ranger will board your bus and review rules and expectations upon arrival. If a 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 2:10 to speed the loading process.
1:10 to 1:35	Students use information from exhibits inside the Observatory to complete the worksheet " <u>Volcanoes Shake and Bake</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 complete the worksheet " <u>Volcanoes Shake and Bake</u> ".
2:10 to 2:30	Drive to the Coldwater Lake Recreation Area.
2:30 to 3:30	Walk the 'Birth of a Lake' and Conduct one of the lesson plans posted on the teachers corner. If you want to examine how landforms, water, plants and animals influence habitat development conduct: " <u>Changing Habitats</u> ". If you want to examine management and ethical issues faced by the Monument Manager conduct: " <u>Natural or Unnatural?</u> "
3:30 to	Bathroom break, depart for school and conduct " <u>Volcanoes A-Z</u> " in route.