

Johnston Ridge Observatory & Hummocks Trail

10:30 Arrival Time

- 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.
- Drive to the Johnston Ridge Observatory on State Route 504. Review the Monument's rules and regulations, and complete "Reading the Landscape" mapping activity en route.
- 10:30 to 10:40 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 12:00 to speed the loading process.
- 10:40 to 11:35 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 12:10.**
- 12:00 to 12:30 As students exit the theater direct them use the restrooms here (There are no bathrooms at the next stop) and to head 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 12:45 Drive to the Hummocks Trailhead. Before exiting the bus, explain the importance of students staying on the trail at all times. This is a research area. It is a privilege to be able to hike through this area. In addition the following activities are prohibited: collecting rocks, plants, or animals, and disturbing research equipment (pipes, stakes and flagging).
- 12:35 to 3:00 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:
- If you want to examine the 1980 landslide in detail conduct: "Slide Blocks Rock".
- If you want to examine the development of habitats on the landslide deposit conduct: "Hummock Habitats".
- 3:00 to 3:15 Drive to Coldwater Lake Recreation Area for a bathroom break and depart for your school.
- 3:15 to Conduct "Volcanoes A-Z" activity en route to your school.