

## 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 behavioral expectations upon arrival 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. Instruct the bus driver to be at the drop off/pickup area by 12:00 to speed departure.
- 10:40 to 11:35 Students use information from exhibits inside the Observatory to complete the worksheet "Volcanoes Shake and Bake".
- 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 starts at 12:10.**
- 12:00 to 12:00 As students exit the theater direct them back to the bus. Drive to Coldwater Lake Recreation Area and eat lunch in the picnic area.
- 12:00 to 12:30 Eat lunch. Make sure students use the restrooms here. There are no bathrooms at the next stop.
- 12:30 to 12:35 Drive to the 'Hummocks Trail'. This is a research area. It is a privilege to be able to hike through this area. Emphasize the importance of students staying on the trail at all times. In addition, the collection of rocks, plants animals, and disturbance of research equipment (pipes, stakes and flagging) is prohibited.
- 12:35 to 2:45 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:
- 'Habitat Construction & Construction' examines the development of habitats on the landslide deposit.
- 2:45 to 3:00 Drive to Coldwater Lake Recreation Area for a bathroom break and depart for your school. Conduct "Volcanoes A-Z" activity in route to your school.