

Johnston Ridge Observatory & Hummocks Trail

10:00 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.
- 10:00 to 10:10 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..
- 10:10 to 10:35 Students use information from exhibits inside the Observatory to complete the worksheet "*Volcanoes Shake and Bake*".
- 10:35 to 11:00 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. **Theater doors close automatically at 10:40. No admittance after the movie begins, next show is biologically focused and starts at 11:10.**
- 11:00 to 11:30 Students use information from exhibits inside the Observatory to complete the worksheet "*Volcanoes Shake and Bake*".
- 11:30 to 12:00 Ask the ranger and the information desk to make an announcement directing students to return to the bus. Depart for Coldwater Lake Recreation Area.
- 12:00 to 12:30 **Eat lunch at Coldwater Lake.** Make sure students use the restrooms and fill their water bottles here. There are no bathrooms or water at the next stop.
- 12:30 to 12:35 Drive to the 'Hummocks Trail'. This is a research area. Before exiting the bus, emphasize the importance of students staying on the trail at all times. In addition, the collection of any natural feature 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.