

Johnston Ridge Observatory, Coldwater Lake, Castle Lake

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 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.
- 10:10 to 10:40 Students use information from exhibits inside the Observatory to complete the worksheet "*Constructive Destruction*".
- 10:40 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 11:20 Students use information from exhibits inside the Observatory to complete the worksheet "*Constructive Destruction*".
- 11:20 to 11:45 Ask the ranger and the information desk to make an announcement directing students to return to the bus. Depart for Coldwater Lake Recreation Area.
- 11:45 to 12:15 **Eat lunch** at the picnic area at Coldwater Lake Recreation Area.
- 12:15 to 1:15 Gather students at the 'Birth of a Lake Trailhead' and discuss the importance of students staying on the trail at all times and not collecting rocks, plants, or animals. Conduct one of the lesson plans posted on the teachers corner.
- If you want to examine the landslides role in forming the lake and how landforms, water, plants and animals are influencing the development of habitats conduct: "*What's Shaping this Habitat?*"
- If you want to examine management and ethical issues faced by the Monument Manager conduct: "*Shades of Gray*"
- 1:15 to 1:30 This trail ends in the parking lot; have students take a bathroom break (last chance), load up and depart for Castle Lake Viewpoint.
- 1:30 to 2:00 Arrive to Castle Lake Viewpoint and conduct the activity "*Ethical Equilibrium*". This activity also examines management and ethical issues.
- 2:00 to ? Depart for your school and conduct "*Volcanoes A-Z*" en route to school.