

Johnston Ridge Observatory, Coldwater Lake, Castle Lake

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.
- 10:30 to 10:40 Upon arrival the Johnston Ridge Observatory have your students wait on the bus while a chaperone walks up to inform us of your arrival (we try to have the ranger waiting in the pickup drop off zone). A ranger will board your bus and review rules and behavioral expectations. Instruct the bus driver to drive to the drop off/pickup area by 11:30 to speed the loading process.
- 10:40 to 11:05 Students use information from exhibits inside the Observatory to complete the worksheet "*Volcanoes Shake and Bake*".
- 11:05 to 11:30 Watch the 11:10 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 11:10. No admittance after the movie begins, next show starts at 11:40.**
- 11:30 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.**
- 12:30 to 1:30 Gather students at the 'Birth of a Lake Trailhead' and discuss the importance of students staying on the trail at all times. **There is a \$100 fine for anyone that walks off trail, collects 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: "*Changing Habitats*".
- If you want to examine management and ethical issues faced by the Monument Manager conduct: "*Natural or Unnatural?*"
- 1:30 to 1:40 This trail ends in the parking lot; have students take a bathroom break (last chance), load up and depart for Castle Lake Viewpoint.
- 1:40 to 2:10 Arrive to Castle Lake Viewpoint and conduct the activity "*Balancing Act*". This activity also examines management and ethical issues.
- 2:10 Depart for your school. Conduct "*Volcanoes A-Z*" activity en route to your school.