

Middle School Earth Science

Stratigraphy and Ape Cave Activities

- ??:?? to 9:15 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 Woodland exit #21.
- 9:15 to 10:30 From Woodland, drive on State Route 503 through the town of Cougar. There the road changes to Forest Road 90. Follow Forest Road 90 seven miles and take a left turn on Forest Road 83. Follow Forest Road 83 eleven miles to the Stratigraphy Viewpoint (1/2 mile past the Lahar Viewpoint).
- 10:30 to 11:30 At the interpretive sign explain the lahar component of the "Strata Stories" activity then have students walk in a single file line to the base of the strata layers. Students observe strata layers and use information gained from the "case facts" to complete the worksheet "Strata Stories".
- 11:30 to 12:10 Load up bus and drive to the Lava Canyon Trailhead. Unload bus, bathroom break, followed by lunch break.
- 12:10 to 12:30 Drive to Ape Cave. Follow Forest Road 83 eight miles then turn right onto Forest Road 8303. Follow Forest Road 8303 $\frac{3}{4}$ mile and turn right at the Ape Cave entrance sign.
- 12:30 to 1:00 Conduct the "lava tube simulation" component of the "Hot Lava Frozen in Time" activity as students exit the bus. Make sure students are comfortable with the cave formation model.
- 1:00 to 1:10 Bathroom break, put on warm clothes, check flashlights and light lanterns.
- 1:10 to 2:25 Walk the lower section of Ape Cave. Students will observe cave features, and use information gained from participating in the eruption simulation to complete the worksheet "Hot Lava Frozen in Time".
- 2:25 to ???? Bathroom break, load up bus and depart for your school.