

Skaftáreldahraun (Eldhraun)

Student Sheet



General instructions to students:

1. Note the main risks upon your arrival. Follow instructions from your teacher/guide at all times.
2. Respect the extremely fragile vegetation. Do not remove rocks or other remains from the surface.
3. Before leaving the vehicle, make sure that clothing can accommodate the current weather conditions and possible shifts in weather. Make sure that your footwear is appropriate for the terrain. The following items are needed to record your field observations:
 - ✓ Pencils
 - ✓ Notebook
 - ✓ Camera
 - ✓ Task sheet
 - ✓ Hand lens
 - ✓ Ruler
4. Stay close to your teacher/guide at all times.
5. Try and complete your observation in as much details as possible. Listen to your teacher as they explain what you are looking at. Ask questions if you are unsure about any aspects of the site.

Tasks to be completed:

Task	Description	Completed (tick)
STOP 1	Draw and describe the surrounding area.	<input type="checkbox"/>
STOP 2	Examine the inner structure of the lava and subsequently draw a cross section of a lava mound.	<input type="checkbox"/>
STOP 3	a) Compare the total area of erupted material to big cities, number of football fields or large landmarks. b) Compare the volume erupted to the volume of lakes or mountains c) Calculate an estimate for an average speed of the lava flow d) Compare the volume of lava erupted to volumes of known rivers.	<input type="checkbox"/>
STOP 4	Take a roundtrip on the path and notice the damage to the moss. Suggest a way to avoid this. Explain on the unevenness of the lava surface.	<input type="checkbox"/>
STOP 5	Take notice of an old farmstead on the right hand side. A small sign up against the fence. Try and imagine how the house originally looked. Construct a sketch.	<input type="checkbox"/>
STOP 6	Walk up the path until you reach an optimal spot for an overview of one of the largest basalt flow in recorded history. Take photos.	<input type="checkbox"/>

