

## Volcanoes Scavenger Hunt

### **Overview:**

As students navigate the “Volcanoes” unit of the *Ola Ka Honua: Volcanoes Alive* interactive DVD, they will identify key information by finding the answers to questions on the Student Worksheet: “Volcanoes Scavenger Hunt.”

### **Objectives:**

The student will research information by interacting with the *Ola Ka Honua: Volcanoes Alive* interactive DVD.

### **Materials:**

- *Ola Ka Honua: Volcanoes Alive* interactive DVD
- Student Worksheet: “Volcanoes Scavenger Hunt”



### **Activity Procedure:**

Distribute the *Ola Ka Honua: Volcanoes Alive* interactive DVD and the Student Worksheet: “Volcanoes Scavenger Hunt.” Ask students to complete the worksheet by navigating the DVD to learn the answers to the questions.

### **Answers to Student Worksheet:**

1. Pliny the Elder
2. shield volcano
3. hotspot
4. composite volcano
5. pāhoehoe
6. ‘a‘ā
7. pillow lava
8. tephra
9. ash
10. cinder
11. c) heavy blocks or bombs

**Volcanoes Scavenger Hunt**



**Directions:** Use Unit 5 of the *Ola Ka Honua: Volcanoes Alive* interactive DVD to help you answer the questions below.

1. Who is considered to be the world's first volcanologist? \_\_\_\_\_
2. What kind of volcano forms at ocean floor spreading centers and hotspots?  
\_\_\_\_\_
3. What is the name for a plume of magma that migrates toward Earth's surface from one spot?  
\_\_\_\_\_
4. What type of volcano forms at convergent plate boundaries? \_\_\_\_\_
5. What type of lava has a smooth, solid surface and flows slower than most people walk?  
\_\_\_\_\_
6. What type of lava is sticky, with flows that move fast enough to rip its outer shell as it forms, creating a jagged, loose surface with razor-sharp edges? \_\_\_\_\_
7. What is the name for slow-moving lava that has cooled underwater? \_\_\_\_\_
8. What is the name for a solid material that has been shot into the air or underwater by an explosive volcano? \_\_\_\_\_
9. What tephra is so small and light it can be carried in wind around the world? \_\_\_\_\_
10. What is the name of medium-sized tephra that is heavier and falls closer to the eruption site than ash, and can create short cinder cone volcanoes? \_\_\_\_\_
11. Which tephra usually lands closest to a volcano that has just erupted?  
a) lightweight ash      b) medium weight cinder      c) heavy blocks or bombs