Volcanoes Beyond Earth Scavenger Hunt

Overview:

As students navigate the "Volcanoes Beyond Earth" unit of the *Ola Ka Honua: Volcanoes Alive* multimedia and video playlist, they identify key information by searching for answers to questions on the Student Worksheet: "Volcanoes Beyond Earth Scavenger Hunt."

Objectives:

The student will research information by interacting with the *Ola Ka Honua: Volcanoes Alive* multimedia and video playlist.

Materials:

- *Ola Ka Honua: Volcanoes Alive* multimedia and video playlist
- Student Worksheet: "Volcanoes Beyond Earth Scavenger Hunt"

Activity Procedure:

Distribute the *Ola Ka Honua: Volcanoes Alive* multimedia and video playlist and the Student Worksheet: "Volcanoes Beyond Earth Scavenger Hunt." Ask students to complete the worksheet by navigating through the playlist.

Answers to Student Worksheet:

1. Linda Moribito-Kelly
2. impact crater
3. caldera
4. more than 1600
5. lava flows
6. Mars
7. Io
8. 100
9. Titan and Triton

Name:_____ **Student Worksheet**

Volcanoes Beyond Earth Scavenger Hunt

Directions: Use Unit 10 of the *Ola Ka Honua: Volcanoes Alive* multimedia and video playlist to help you answer the questions below.

1. Who discovered the first volcano beyond Earth? _____

2. When a meteorite collides with a planet's surface, it forms an _____

3. The collapse of a magma chamber, or the explosion of a volcano, forms a _____

4. About how many volcanoes does Venus have? _____

5. The dark areas on Earth's moon are _____ from volcanoes long ago.

6. What planet has the largest shield volcanoes in the solar system? _____

7. What is the most volcanically active body in the solar system? _____

8. Eruptions on Io are so common and large that the surface can be buried under _____ meters of material every one million years.

9. Cryovolcanism is found on what moons? _____ and _____

