



Name: _____

Date: _____ Class: _____

Sunset Crater Volcano Web Quest!

Group 2: What are some examples of global volcanoes?

Make sure to read and follow the directions for each section of this web quest carefully and answer the questions for each page that you navigate to. The more detailed your answers the better!

Start at www.nps.gov/sucr/forteachers/classrooms/sunset-crater-volcano-web-quest-groups.htm

Find the “Sunset Crater Volcano Web Quest” and click on the link titled “Weekly Volcanic Activity Report”.

This webpage lists the volcanic activity that was reported last week. Click on one of the recent active volcanoes listed here.

1. What is the name of the volcano? _____

2. On what dates was activity recorded for it? _____

3. What type of volcanic activity was recorded for this volcano? _____

4. Look at the map at the top of the page. Is there a higher concentration of activity located in any particular area in the world?

At the top of the page, under the heading of “Learn” click on the “Types and Processes Gallery”.

5. Pick a type of volcano listed in red/orange to the left of the screen. What is the definition of that type of volcano?

6. A list of volcanoes of that type should be listed below. Select one. What is its name, and where is it located?

Before you leave this page, make sure and watch one of the pyroclastic videos linked here!

Go back to the NPS website with your group's links.

Click on the link titled "Volcano Cameras".

This webpage has a list of volcanoes that have webcams on them. Click through a few of them, then select a volcano that you can answer the questions below on.

7. What is the name and location of the volcano? _____

8. Is there a 12 hour video available to watch? (Look for the blue link near the photo) _____

9. What was the weather like today? Describe what the photo or video shows. _____

10. Does the volcanoes page tell you what the activity level for this volcano is? For example can you tell if it is erupting or dormant? What is happening at this volcano? (You may have to look around for this, and it may be a link to the side of the page under "activity" or it may be something you can tell from the photos.)

Go back to the NPS website with your group's links.

Click on the link titled "Virtual Field Trip".

Click on the links to travel through the virtual field trip. These are pictures from the park itself! Use these links to answer the questions below.

11. Will Sunset Crater Volcano or something nearby erupt in the future? Why or why not? _____

12. Think about the previous webpages you looked at. What type of volcano is Sunset Crater Volcano? Did you see any other examples of the same type of volcano during this web quest?

If you finish early, explore the rest of Sunset Crater Volcano's website.