

“Could a Volcano Pop-Up Where You Live?”

<https://mysteryscience.com/rocks/mystery-1/volcanoes-patterns-of-earth-s-features/53?code=NDEwMDY3MDQ&t=student>

Grade 4th

Topic Rock Cycle & Earth's Processes

Focus Volcanoes & Patterns of Earth's Features

In this Mystery, students explore the past and present pattern of where volcanoes exist on the earth. In the activity, Mapping Volcanoes, students plot volcano locations on a world map and look for patterns. Students analyze these maps to discover that volcanoes form a “Ring of Fire” around the Pacific Ocean.

Materials:

Colored Pencils

Volcano Discoveries printout

Volcano Discoveries Answer Key printout

Volcano Mapping printout

Volcano Mapping Answer Key printout

At home students will work on their own, but will need to complete all four parts of the Volcano Map so that they can analyze the global volcano pattern.