



Name: _____ #: _____

Date: _____ Section: _____ HR: _____

Science Question of the Day: January 25th – January 29th

Monday	<p>Thinking Critically – Problem Solving You are a builder planning a housing development where earthquakes are likely. What types of land would you avoid for your development? Where would it be safe to build?</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
Tuesday	<p>Thinking Critically – Making Generalizations Why can't scientists predict the exact time and place an earthquake is going to occur?</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
Wednesday	<p>Activating Prior Knowledge - Have you ever seen a volcano in person or on TV? Was it erupting? What was happening? What effects did you see? How were people affected?</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

Thursday

Discover (page 88)

Where Are Volcanoes Found on Earth's Surface?

Look at the map of Earth's volcanoes on page 89.

What symbols are used to represent volcanoes?

What other symbols are shown on the map?

Do the locations of the volcanoes form a pattern? Do the volcanoes seem related to any other features on Earth's surface?

Think It Over

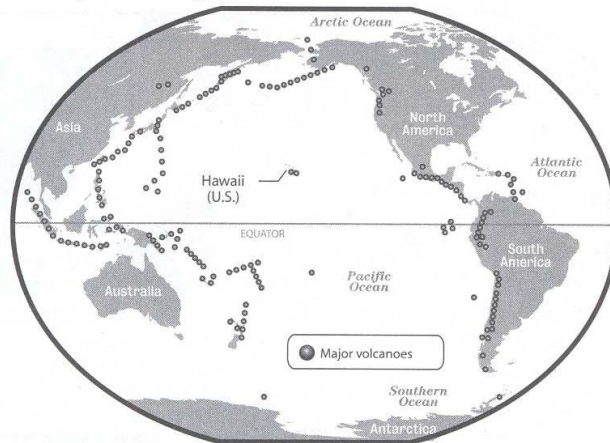
Developing Hypotheses Develop a hypothesis to explain where Earth's volcanoes are located. Are there any volcanoes on the map whose location cannot be explained by your hypothesis?

Friday

Earth/Space Science

Structure of the earth system

89 Here is a map showing the location of volcanoes in the Pacific Ocean. What could explain the pattern?



- a) Volcanoes create new volcanoes.
- b) Volcanoes occur where tectonic plates come together.
- c) Volcanoes occur where water is the deepest.
- d) Volcanoes occur where there is less mud on the ocean floor.