

Volcanic Areas of California



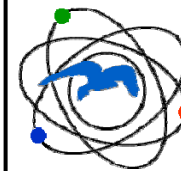
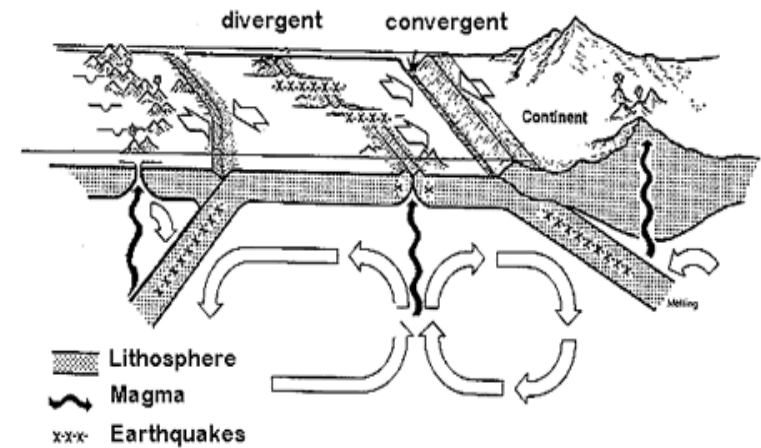
Do rocks produced by volcanoes provide clues about that volcanic eruption? Examine each of the rocks from different volcanic areas in California and describe them.

Math Science Nucleus manages the Children's Natural History Museum, Tule Ponds at Tyson Lagoon, and the Fremont Earthquake Exhibit, all in Fremont. Visit our website (<http://msnucleus.org>) for more information.



Helping Hands Science

California Volcanoes Sixth Grade



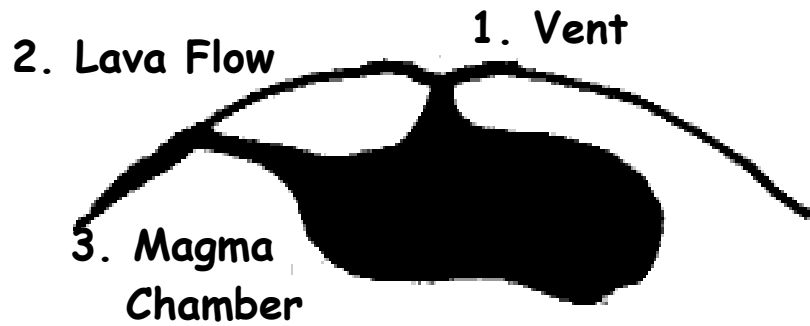
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	DESCRIPTION
Granite	
Gabbro	
Obsidian	
Scoria	
Pumice	
Rhyolite	
Granodiorite	

Location	Type of Eruption
Gilroy	This ancient lava flow erupted with a powerful blast. Lava cascaded down the slopes of the growing volcano. Describe:
Clearlake	The cinders swished from the volcano, causing extensive deposits, (scoria). Flows of lava cooled quickly to form thick bands of obsidian. Describe (scoria): (obsidian):
Black Buttes	Lava slowly moved from the crater of the volcano. A thick layer of basalt was deposited. Describe:
Mono Craters	the volcano "coughed" violently, gas trapped in the molten rock formed pumice. Describe:
Inyo Mountains	The magma chamber was cooling, but suddenly the volcano erupted forming a rock called andesite porphyry. Describe: