

How Volcanoes work



Earth isn't a solid ball. Melted rock is called magma and tectonic plates are just like a Jigsaw puzzle. A liquid called magma is always trying to get up the volcano. Heat and pressure melts the rock. Magma may find a crack or vent in Earth's surface and burst out as lava. That's a real eruption. Lava is lying deep inside the volcano's!

TYPES OF LAVA FLOW

Some types of lava flow have cool names. Aa means rough Pahoehoe means smooth. Comfy looking lava forms only underwater. One pushes the other plate and it makes a volcano.

MOUNT VESUVIUS ERUPTS

In the town of Pompeii, Italy, on 24 August in 79 CE, it was like night had come during the day. In the distance, the volcano mount Veuvius was exploding.

FACTS ABOUT VOLCANOES

- A volcano is a mountain that opens downward to a pool of molten rock below the surface of the earth. When pressure builds up, eruptions occur.

In an eruption, gases and rock shoot up through the opening and spill over or fill the air with lava fragments. Eruptions can cause lava flows, hot ash flows, mudslides, avalanches, falling ash and floods