

What is a volcano?

Volcanoes are openings in the Earth's surface. When they are active they can let ash, gas and hot magma escape in sometimes violent and spectacular eruptions.

Melted rock is called magma and magma is always trying to rise [up](#).

One plate pushes under another plate so magma pushes through the gap and the volcano erupts.



Types of lava.

There is 3 different lava Aa is rough, pahoehoe is smooth and pillow laver forms underwater. Some volcanoes dribble lava so slowly and others have big explosions. Lava bombs are HUGE blobs of molten lava ejected high into the air. As these blobs fall to earth they rotate and gravity converts them into round and oval rocks that hit the earth already cooled.

What happens when a volcano erupts.

An eruption begins when pressure on a magma chamber forces magma up through the conduit and out the volcano's vents.

- A volcano is formed by eruptions of lava and ash?

gVolcanoes are usually **cone shaped** mountains or hills.

- When *magma* reaches the Earth's surface it is called lava
- a volcano covers about a 20-mileradius
-