

Name _____

After you read

People of Pompeii were probably just like us. We can see the casts of their bodies and see how tall they were and what they were doing before they died.

What do you know about volcanoes?

While you read

Earth's crust is fractured and when they rub against or under each other they can cause a volcano to form or erupt.

700,000 to 2 million people still live near Mt. Vesuvius today

The eruption Santorini is one of the largest volcanic eruptions on Earth. It had the least deaths too because the people moved away before it erupted and fell into the ocean.

The destruction caused by earthquakes, volcanoes and tsunamis actually renews the land and makes the soil fertile.

volcanoes tend to be on islands or on the shore near a large body of water.

Before you read

Volcanoes shoot lava in the air.

Melted rock, is called "magma" when it is inside the Earth. Magma is called "lava" when it reaches the surface of the Earth.

The explosion of Krakatoa on August 27, 1883 was so big and loud it was heard 2,000 miles away. It had large Tsunamis and changed the weather around the world.

Are cone shaped.

Can be a connection between earthquakes and volcanic eruptions.

Happen on islands

Makes lots of smoke & ash

Can send shock waves that push large amounts of water in the ocean called Tsunamis which are giant waves that can destroy coastal towns.

all major volcanic eruptions have an effect on the atmosphere and the amount of sunlight that reaches the Earth impacting global weather patterns.

Volcanoes can make new islands

Volcanoes can form anywhere even a cornfield. Lava can ooze out slowly not always explosively

Paricutin is a volcano that grew from out of a Mexican farmer's field. Started on February 20, 1943 with a small pile of ash from a crack in the ground and would grow to over 1,000 feet and became a full volcano in one year and erupt for nine years.

Volcanoes are dangerous and mysterious landforms that can change the landscape and even the weather! Even today people still choose to live near volcanoes for different reasons.