

Sticky Knowledge

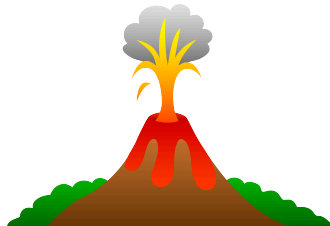
- ✓ The Earth's outer shell is made up of huge slabs of moving rock called tectonic plates.
- ✓ Volcanoes are caused when magma rises to the surface of the Earth.
- ✓ A dormant volcano is an active volcano that has not erupted in the past 10,000 years.
- ✓ Earthquakes are usually caused when rock underground suddenly breaks along a fault.
- ✓ An aftershock is a shaking event that follows an earthquake.
- ✓ Tsunami is a series of large waves generated by an abrupt movement on the ocean floor that can result from an earthquake.
- ✓ A hurricane is a large rotating storm with high speed winds that forms over warm waters in tropical areas.
- ✓ Flooding occurs when a river bursts its banks and overflows onto the surrounding lands.

The Angry Earth...

Earthquake



Volcano



Tsunami



Hurricane



Big Idea

The Earth can be an angry place. Natural disasters occurs all around the earth, but mainly in hot-spot areas. They cause devastation to people's lives in many different ways.

Map of Europe



Vocabulary

Eruption: An explosion of steam or lava from a volcano.

Aftershock: A shaking event that follows an earthquake. Sometimes more damaging than the original earthquake.

Tsunami: A long, high wave usually caused by an earthquake in the ocean.

Magma: Hot fluid or semi-fluid material below or within the Earth's crust from which lava is formed.

Lava: Hot, molten or semi-fluid rock erupted from a volcano, or solid rock resulting from cooling of this.

Dormant: A dormant volcano is an active volcano that has not erupted in the past 10,000 years.

Fault: Fractures in Earth's crust where rocks on either side of the crack have slid past each other.

Magnitude: If you talk about the magnitude of something, you are talking about its great size

Landslide: A collapse of a mass of earth or rock from a mountain or cliff

Tectonic plates: The Earth's outer shell is made up of huge slabs of moving rock called tectonic plates.

