

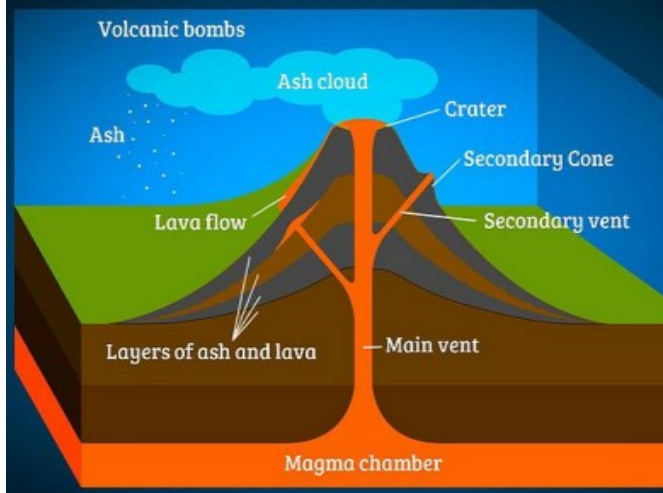


Understanding key aspects of Natural Disasters

Key Vocabulary

natural disaster	A natural event that causes great damage or loss of life.
volcano	A mountain from which hot melted rock, gas, steam, and ash from inside the Earth sometimes burst.
lava	The very hot liquid rock that comes out of an erupting volcano
eruption	When something bursts out quickly e.g. lava from a volcano
magma	Liquid rock under the surface of the earth
crust	A hard layer of rock that covers the earth
tectonic plate	A large piece of the Earth's surface which moves very slowly
mantle	The liquid layer under the crust. It is the middle layer and is very thick.
ash	A grey or black powdery substance that is left after something is burnt
inner core	The very centre of the earth - a solid ball made mostly of iron.
outer core	Extremely hot layer made mostly of molten (or melted) iron called <i>magma</i> .
iron	An element which usually takes the form of a hard, dark-grey metal.

Volcano Diagram



Active, Dormant & Extinct Volcanoes

Active - erupts frequently (e.g. Mount Etna in Sicily, Italy)





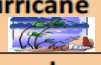


Dormant - temporarily inactive, but not fully extinct (e.g. Mount Fuji in Japan has not erupted since 1708). NOTE: the word dormant often means 'sleeping'

Extinct - unlikely to erupt again (Edinburgh Castle in Scotland sits on top of an extinct volcano)

Recommended websites

- <https://www.factmonster.com/world/natural-disasters>
- https://kids.kiddle.co/Natural_disaster

Types of Natural Disasters

Avalanche 	A large mass of snow that falls down the side of a mountain.
Earthquake 	Shaking of the ground caused by movement of the Earth's crust.
Flood 	A large amount of water covers an area which is usually dry, for example when a river flows over its banks.
Forest Fire 	Large, uncontrolled fires in a forest or wooded area.
Hurricane 	An extremely violent wind or storm.
Tornado 	A violent windstorm consisting of a tall column of air which spins round very fast and causes a lot of damage.
Tsunami 	A very large wave, often caused by an earthquake, that flows onto the land and destroys things.

The Structure of the Earth

The structure of the earth like a hard-boiled egg. The shell is like the crust. The 'white' (or albumen) of the egg is like the mantle and the core is like the yolk.

