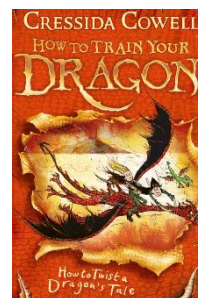




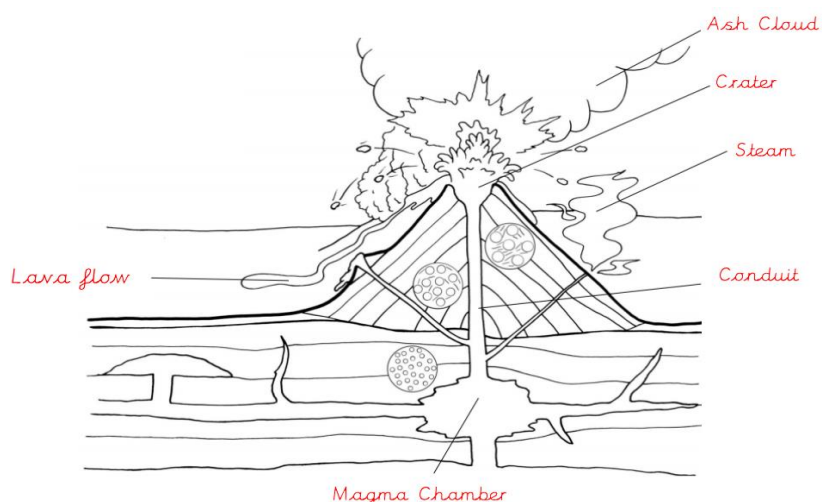
Volatile Volcanoes



Volcanoes are mountains or hills, usually conical shaped, that have a vent or a crater through which lava, rock fragments, hot vapour and gases are or have been erupted from the Earth's crust. They are notoriously known causing mass destruction. There are many volcanoes located around different parts of the world with 75% of the world's volcanoes located on the Pacific Ring of Fire, which is located in the Pacific Ocean. The word volcano comes from the Roman god of fire, Vulcan.

Key Vocabulary	
Inactive	The volcanoes are no longer active they may be either dormant or extinct.
Active	Active volcanoes have had at least 1 eruption in the last 10,000 years. They can let out ash, gas and hot magma, sometimes resulting in a violent or spectacular eruption.
Dormant	Is an active volcano that is not erupting but is supposed to erupt again.
Lava	Hot magma which has come up above the Earth's surface.
Magma	Hot liquid which is under the Earth's surface.
Volcanic Gas	Gases given off by active volcanoes.
Igneous	Igneous rock is formed when magma cools and solidifies. This can happen above or below the Earth's surface.
Eruption	The sudden occurrence of a discharge of steam and volcanic material. It occurs when molten rock, ash and steam pour through a vent in the Earth's crust.
Crater	A large bowl-shaped cavity (hole) in the ground.
Mantle	The mantle is the mostly-solid bulk of Earth's interior. The mantle lies between Earth's dense, super-heated core and its thin outer layer, the crust.
Tectonic Plate	A tectonic plate (also called lithospheric plate) is a massive, irregularly shaped slab of solid rock.
Ash	Volcanic ash is made of tiny fragments of jagged rock, minerals, and volcanic glass and is a product of explosive volcanic eruptions.
Plume	A plume of smoke, dust, fire, or water is a large quantity of it that rises into the air in a column.
Extinct	An extinct volcano would be one that nobody expects to ever erupt again. These are human definitions of natural things - there have been a number of eruptions from "extinct" volcanoes!
Viking	Any of the Scandinavian seafaring pirates and traders who raided and settled in many parts of north-western Europe in the 8th-11th centuries.

Famous Volcanoes
Stromboli
Mount Fuji
Ojos del Salado
Mauna Loa
Mount Vesuvius
Mount Pinatubo
Mount St. Helens
Katla



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