

SCIENCE

VOLCANO

Parts of Volcano

VOLCANO



A Mountain where lava comes from a magma chamber under the ground. Volcanoes erupt when magma and pressure come together and the pressure blows off the top of the solid rock and the magma is out.

TYPES

Strato Volcano- also known as composite volcano.

Shield Volcano- smaller than cinder cone.

Cinder Cone Volcano- smaller than Strato or composite volcano

Summit- is a funnel shaped opening at the top of the volcano.
Caldera- formed when a part of the wall collapse following an expensive eruption

Crater- is a funnel shaped opening at the top

CHARACTERISTICS

Strato Volcano=steep slopes, formed from viscous (thick) lava. Found in subduction zone and hot spots.

Shield Volcano=the magma is rich in iron and magnesium

Cinder cone volcano=the magma and gas has a large amount and double the pressure. Active for a short time.

WHEN THE VOLCANO ERUPTS?

Where
to
Volcano
Erupts ?

ASHES LAVA MINERALS

Convergent- join together.

Divergent- separates/ move away each to other.