

What are Volcanoes?

An Opening in the Earth's Crust, where as Molten Rock, Hot Gases, and other Materials Erupt

A Vent in the Crust where Eruptions occur.

How are Volcanoes Formed?

Magma Rises from hotspots and erupts as lava through cracks in the surface forming volcanoes.

Cone

is the most striking part of the volcano

it is usually composed of mixtures of lava and pyroclastic materials

volcano cones vary in size and shape depending on the type of magma that is ejected by a particular volcano

for instance viscous and slow moving granatic magma creates low to almost flat cones

a Volcanic Cone is the Hill-shaped landform that forms around the volcano

They Can be Steep or Gently Sloping depending on the type of Eruption that form them

Vent

Is the Opening through which an eruption takes place

this main part of a volcano that supplies the magma(from the underlying source to the top of the volcano)

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Parts of the Volcano

Cone

Vent

Magma Chamber

Crater

Caldera

Lava

Dikes

Sills

Conduit

Flank

Summit

Throat

Ash Cloud

Volcanic Bombs

Pyroclastic Flow

Tephra Fall

Lahar



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