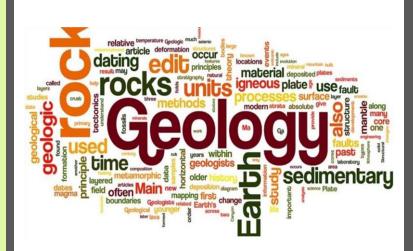
Core Knowledge

- The 2004 Tsunami which struck SE Asia caused great damage.
- Mount Vesuvius erupted in 79AD and destroyed the surrounding area of Pompeii.
- Volcano's height is measured from above sea level.
- Sea levels are rising, this effects the heigh of volcano's located near sea level.
- There are three types of volcanos, active, dormant, and extinct.
- An active volcano is a volcano that is likely to erupt in the future.
- A dormant volcano is a volcano that hasn't erupted in a long time but is expected to erupt again.
- An extinct volcano has not erupted in human history.

Geology



Home Learning

- Create an active/model volcano showing the key features, magma chamber, secondary vent etc.
- Make your own Earth Layer cake using different layers of sponge to display the inner & outer core, mantle and crust.

- Catastrophe
- Erupted
- Fossils
- Evidence
- Sediments
- Forces
- Geologists
- Coal
- Climate

- Concluded
- Dense
- **Hypothesis**
- Continental drift
- Drifted
- Crust
- Seismic waves •
- Seismographs •
- Inner core

- Outer core
- Mantle
- Pressure
- Basalt
- Magma
- Lava
- Basins
- Ocean trench
 - Theory
 - Plate tectonics

Domain Themes

- Earth's changing surface
- Plate tectonics
- Earthquakes
- Volcanos
- Types of rock
- World mountains
- Sea trenches

Core Knowledge

- A wave-cut platform is formed when the following occurs: The sea attacks the base of the cliff between the high and low water mark.
- A wave-cut notch is formed by erosional processes such as abrasion and hydraulic action - this is a dent in the cliff usually at the level of high tide.
- Igneous rock is formed through the cooling and solidifying of magma.
- Sedimentary rock is formed through the accumulation of mineral or organic particles.
- Metamorphic rock is shaped from heat or pressure applied to it.