



It's A Disaster!

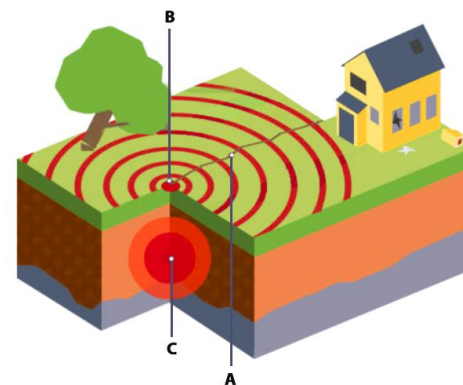
Key Vocabulary:

volcano	an opening in the Earth's crust through which lava, ash and gases escape
earthquake	a violent movement of part of the Earth's surface
magma	a molten substance beneath the Earth's crust
tectonic plates	large plates of rock that float on top of molten rock which makes up the Earth's outer layer
crust	the surface layer covering the Earth
mantle	the layer of the Earth under the crust
core	the centre of the Earth, split into the solid inner core and liquid outer core of molten metal
crater	the mouth of a volcano

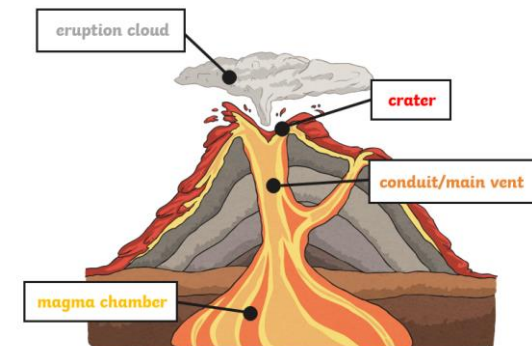
Key Knowledge:

Layers of the Earth:

- The crust is the thin layer of cold, hard rock that covers the Earth. It is 10km - 90km thick.
- The mantle (extremely hot rock that often flows like treacle) is 3000km thick.
- The outer core is mostly made up of iron, with some nickel. It is over 4000°C. It is mostly liquid with some rocky parts. The outer core moves around the inner core, creating the Earth's magnetism.
- The inner core, which is made of iron and nickel, is the hottest layer of the Earth at over 5000°C. It melts the metals in the outer core to form magma.



What's It All Called?



Do you remember?



PLATE TECTONICS

