

VOLCANOES KNOWLEDGE ORGANISER

KEY QUESTIONS

To name the four layers of the earth and give facts about each.	To know what tectonic plates are and how they move.	To describe and explain how volcanoes form
To compare the three types of volcanoes.	To describe the hazards of a volcano.	To name and label the main features of a volcano.

KEY WORDS

Plate boundary	Where two plates meet.
Oceanic crust	Part of the earth's crust which has oceans above it- it is dense.
Continental crust	Part of the earth's crust which has land above it- it is less dense.
Destructive Plate Boundary	One plate is forced underneath another causing pressure to build.
Constructive Plate Boundary	Plates move apart allowing magma to rise through.
Mantle	Not allowing liquid to pass through something e.g. concrete
Crust	Allowing liquid to pass through something e.g. the rock.
Parasitic cone	A secondary vent in a volcano.
Pyroclastic flow	Ash and gas running down the volcano at high speeds.
Crater	The depression (dip) at the top of the volcano.
Magma	Hot molten rock below the earth's surface. Known as lava on top of the surface.

DIAGRAMS

