

St Leo's and Southmead Catholic Nursery and Primary School

Year Three

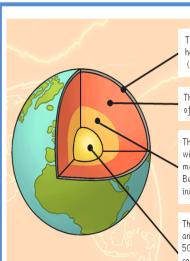
Geography Knowledge Organiser

Summer Term

Amazing Activities
WOW: Show a range of
clips from Tsunami; volcanoes and hurricane.

Key Concepts

- Under our feet
- Volcanoes
- Earthquakes
- Tsunamís



The **crust** is the thin outer layer of cold hard rock that covers the world (10km-90km thick)

The **mantle** (extremely hot rock that often flows like treacle) is 3,000 km thick

The **outer core** is mostly made of iron with some nickel. It is over 4000°C. It is mostly liquid with some rocky parts. Because the outer core moves around the inner core, Earth's magnetism is created.

The **inner core**, which is made of iron and nickel, is the hottest layer at over 5000°C. It melts the metals in the outer core to form magma.

Extreme Earth



Skills

- •Can they describe how volcanoes have an impact on people's lives?
- •Can they describe how volcanoes are created?
- •Can they describe how earthquakes are created?

<u>Curriculum Links</u>

English—Argument/debate

Science - Rocks and soils

Volcano	a vent in the earth's surface from which lava and gases pour during an eruption.
earth- quakes	when tectonic plates rub together, the movement forces waves of energy to come to the earth's surface. This causes tremors and shakes - and this is what causes earthquakes.
Tsuna- mis	an earthquake that occurs at the bottom of the sea that can push water upwards and create massive waves.
Tectonic plates:	The earth is made up of huge pieces of flat rock called tectonic plates
Magma	Molten liquid rock beneath the earth's surface
Lava:	molten rock flowing from the vent of a volcano during an eruption

Nurture, Inspire, Succeed'