

## What do I already know?

- Name and locate continents, name and locate oceans, human and physical features

## Geography : Year Three, Summer 2

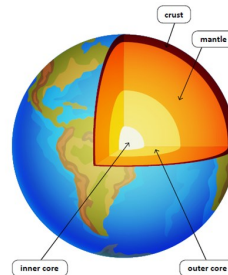
### How does the earth shake, rattle or roll?

SECTION 1 KEY VOCABULARY	
core	The centre of an object
<b>mantle</b>	<b>molten and semi-molten rock</b>
crust	thin layer of rock on the surface of the earth
<b>molten</b>	<b>metal or rock that is in a liquid state because of great heat.</b>
lava	hot, molten rock that comes out of a volcano.
<b>tectonic plate</b>	<b>A large, slow-moving piece of rock that makes up the Earth's crust.</b>
earthquakes	sudden violent shaking of the ground
<b>magma</b>	<b>hot molten rock found in the Earth's mantle.</b>
ring of fire	area around the Pacific Ocean where many earthquakes and volcanic eruptions occur.

#### SECTION 2

What is earth made up of?

- Four layers
- Crust**—thin layer of rock on the surface
- Mantle**—molten and semi molten rock called magma
- Outer core**—liquid layer of metal
- Inner core**—solid metal and the hottest part



#### SECTION 3

Why are volcanoes located where they are?

- Earth's crust is made up of tectonic plates
- The plates float above the mantle and are constantly moving
- A volcano is an opening in the Earth's **crust** that allows **magma**, hot ash and gases to escape
- Volcanoes can look like mountains or small hills, depending on what type they are.
- Movement can cause a volcano
- Mantle melting can cause a volcano

#### SECTION 4

Why do earthquakes happen and how do they impact the landscape?

- Tectonic plates try to move past one another
- They can get stuck and cause the ground to shake violently



SECTION 5

The Ring of Fire

