

Key Vocabulary

Magma	Lava	Pressure
Friction	Basalt	Granite
Fold	Mountain	Ocean Trench
Tsunami		

Events and Features

Lesson Sequence

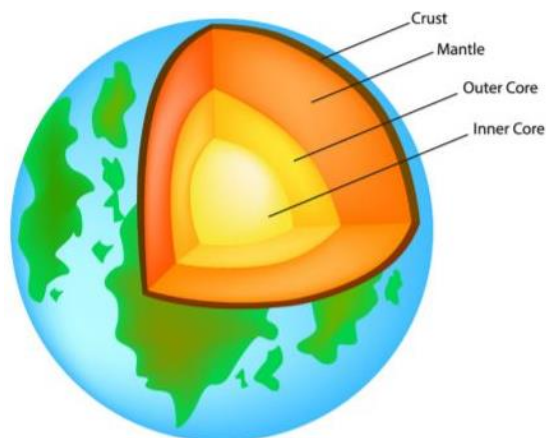
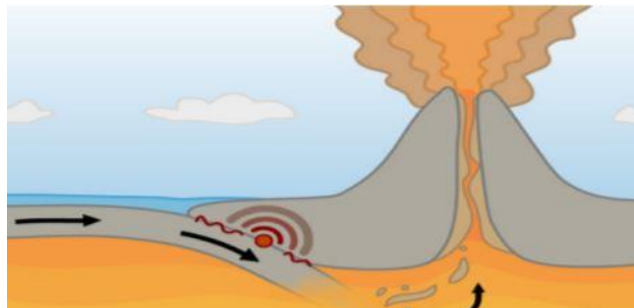
- Lesson 1 – To know what the Earth is made of.
- Lesson 2 – To know what a mountain is and where they are located around the world.
- Lesson 3 – To know how volcanoes are made.
- Lesson 4 – To know how an earthquake occurs.
- Lesson 5 – To know what happens when a volcano erupts and what happens during an Earthquake.

Structure of the Earth

Crust	Solid rock: broken into tectonic plates
Mantle	Liquid/ molten rock
Outer core	Liquid metal: iron and nickel
Inner core	Solid metal: iron and nickel

Case Studies

	Tohoku Earthquake 11/03/2011 	Fuego Volcano 03/06/2018
Location	Japan	Guatemala
Primary effects	16,000 people died 6000 people injured Buildings and houses destroyed	110 deaths 300 people injured Buildings and houses destroyed
Secondary effects	Tsunami wave caused flooding	Crops destroyed causing hunger
Immediate responses	Food, water, tents and medical care to people	Rescue trapped people
Long-term responses	Rebuilding roads and houses	Rebuilding roads and houses





Basalt



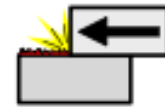
Earthquake



Fold



Mountain



Friction



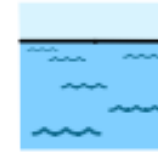
Granite



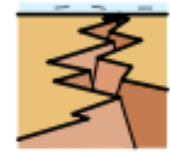
Lava



Magma



Ocean



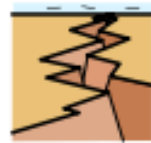
Trench



Pressure



Tectonic



plate



Tsunami



Volcano



Core



Crust



Eruption



Natural Disaster