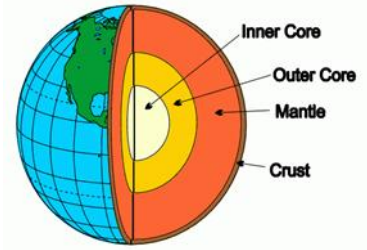
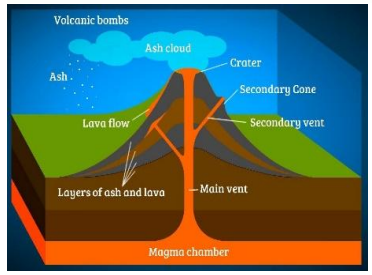
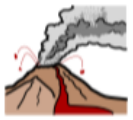
The Marist Primary School			Knowledge Organiser		
Year 3 Summer: mountains, earthquakes and volcanos			Key Question: What causes the Earth's surface to change over time?		
Lesson 1 What is a mountain?	Lesson 2 How is a mountain formed?		Lesson 3 What is a volcano?	Lesson 4 What causes earthquakes?	Lesson 5 What makes buildings earthquake resistant?

 natural disaster	A natural event that causes great damage or loss of life.	Magma	Liquid rock under the surface of the earth.	
 volcano	A mountain from which hot melted rock, gas, steam, and ash from inside the Earth sometimes burst.	 crust	A hard layer of rock that covers the earth.	
 lava	The very hot liquid rock that comes out of an erupting volcano.	**Tectonic plate**	A large piece of the Earth's surface which moves very slowly.	
 eruption	When something bursts quickly e.g. lava from a volcano.	 Mantle	The liquid layer under the crust. It is the middle layer and is very thick.	
 inner core	The very centre of the earth – a solid ball made mostly of iron. Extremely hot layer made mostly of molten (or melted) iron called *magma*.	 outer core	The very center of the earth – a solid ball made mostly of iron. Extremely hot layer made mostly of molten (or melted) iron called *magma*.	