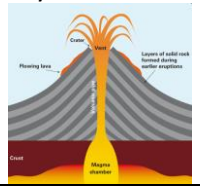
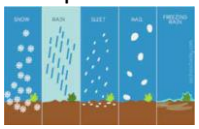
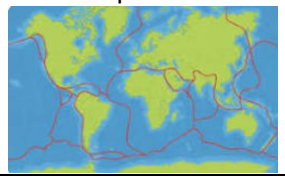
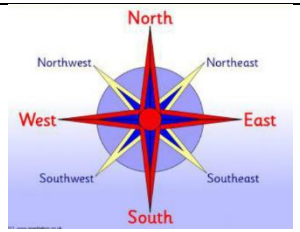
Binfield CE Primary School	Extreme Earth		Year 4
		Key Vocabulary	
Hurricane	A hurricane is a tropical storm with winds that have reached a constant speed of 74 miles per hour or more.	Volcano	A volcano is an opening in a planet or moon's crust through which molten rock, hot gases, and other materials erupt. Volcanoes often form a hill or mountain as layers of rock and ash build up from repeated eruptions.
Low pressure	Air is usually rising and blows in an anticlockwise direction. As the air rises, it cools, condenses and forms clouds and perhaps precipitation. Areas of low pressure are known as depressions and weather is unsettled.	1. Active volcano 2. Dormant volcano 3. Extinct volcano	1. Has recently erupted and may erupt again soon. 2. Has not erupted for a long time but may erupt again. 3. Not expected to erupt in the future.
High pressure	Winds tend to be light and blow in a clockwise direction (in the northern hemisphere). Air is descending, which reduces the formation of cloud and leads to light winds and settled weather conditions.	Layers of a volcano 	
Precipitation 	Precipitation is any liquid or frozen water that forms in the atmosphere and falls back to the earth. It comes in many forms, like rain, sleet, and snow.	Tectonic plate 	Tectonic plates are the separate rocky parts of the Earth's crust. These plates move around on the soft mantle underneath them, and when they collide - along plate boundaries - they can create earthquakes and mountains are formed.
8 points of a compass		Vesuvius	Vesuvius is an active volcano in the South of Italy, near Naples.
		Pompeii	Pompeii was a Roman town buried under ash from Mount Vesuvius.