



Pinner Wood School



Year Group	6	Term:	Spring 2	Subject	Geography	Topic	Volcanoes	
							Key Question	Volcanoes: what are they?
Prior Learning and other Curriculum Links	Year 3 - Mountains Year 4 - Earthquakes and History unit of Ancient Egypt Year 5 - Climate Zones					Target Tracker statements (Skills)	<ul style="list-style-type: none">• I can label the structure of the Earth.• I can identify the key features of a volcano.• I can report on the effects of a specific volcanic eruption.• I can evaluate the advantages and disadvantages of living near a volcano.• I can locate a range of famous volcanoes. (LK)• I can describe what happens at the boundaries between the Earth's plates and label a map of the plates. (LK)• I can use online resources (including maps) to find out key facts about a volcano, including when it last erupted. (LK, GE)• I can use online resources (including maps) to find out key facts about a volcano, including when it last erupted. (LK, GE)• Global Goals - 13.1 Climate Change - strength and resilience and adaptive capacity to climate related disasters	

Fundamentals	<ul style="list-style-type: none"> - Describe and understand key aspects of human geography including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including trade links, and the distribution of natural resources including energy, food, minerals and water - Use the eight points of a compass, four and six-figure grid references, symbols and key - Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night) 	Key Facts/Sticky Knowledge	<ul style="list-style-type: none"> - The earth has 3 layers - crust, mantle and core - Tectonic plates and their boundaries are where the most volcanoes are found - A volcanic eruption occurs when tectonic plates move - Pacific Ring of Fire is where the world's most volcanoes appear - Living around volcanoes and the fertilisation of the soil as well as the tourism it brings in
Our Curriculum Journey	<p>Stunning Start: A virtual volcanoes and earthquake workshop where the children will explore the exciting world of volcanoes and their effects on society in an interactive streamed show. They will also have an opportunity to take part in an interactive, immersive audio resource, engaging the children about natural disasters that have happened and volcanic eruptions through sound, story and movement. (Now Press Play)</p> <p>Journey: Children will start by thinking what lies beneath the surface of the earth and identifying the three layers. They then look at tectonic plates and their boundaries using map work and discuss what happens when these plates meet and move and how this relates to volcanoes. Following on from this, the children will then explore what goes on inside a volcano and their formation, identifying the different features of an eruption. They will then link this knowledge to famous volcanoes of the world focussing on the Ring of Fire and the eruption of Mount St Helens. Within this, they will discover how scientists can predict when these might erupt. Finally, the children will think about what it would be like to live near a volcano and how it can affect the community and tourism.</p> <p>Show stopper: Children will make a model volcano. They will erupt it and film the eruption. They will then create a David Attenborough style video explaining how volcanoes erupt.</p>		
Key Vocabulary (revisited)	Earthquakes, mountains, equator, latitude, longitude, natural disaster, rocks	Key Vocabulary (new)	Volcano, Plates, Tectonic, Core, Mantle, crust, dormant, active, extinct, eruption, magma, plate boundary, Great African Rift Valley, Haiti, Iceland, Japan, Mauna Loa, Pacific Ring of Fire, crater, disaster, dormant, eruption, magma,

			tsunami, epicentre, plate boundary, dormant, active, extinct
--	--	--	-----------------------------------------------------------------