

## Children's Knowledge Organiser – The Power of Nature



Geography and history	What are the four main layers of the Earth?	Mantle, inner core, outer core, crust
	The surface of the Earth is not one complete layer but split / cracked into large areas called what?	Tectonic Plates
	Where in the world would you find the 'Ring of Fire' (An area of high volcanic activity)	In the Pacific Ocean
	When the pressure inside a volcano builds up, the lava escapes through which two parts of the volcano.	The vents (at the side) and the crater.
	What is a pyroclastic flow?	A fast moving current of hot gas, ash and stones. ( It can move at speeds of 100 - 700km/h)
	What is the name of rock from a volcano?	Pumice stone
	What famous volcano is found near Naples in Italy?	Mount Vesuvius
	Mount Vesuvius erupted, destroying the cities of Pompeii and Herculaneum, in which year?	79 AD
	What is the Pacific Ring of Fire?	A region in the Pacific Ocean where many volcanic eruptions and earthquakes occur?
	What are the lines of longitude and latitude?	Imaginary lines which run around the world, parallel to the Equator (lines of latitude) or from the North to South pole (lines of longitude) These create coordinates.
Science	Every force is either a pull or a push. What is the force of Gravity?	A pull (towards the centre of the Earth)
	What is the name of the force that slows moving things down?	Friction
	Name a type of friction.	Air resistance (drag) Water resistance
	When an object is not moving, what can we say about the forces acting upon it?	They are balanced

<p>What happens when you put the North pole of a magnet next to the South pole of another magnet?</p>	<p>They attract each other. (Pull towards each other) If you put like poles together, they will repel each other. (push each other away)</p>
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**15 questions and answers relating to this term's topic**

