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| *Geography* FLE Y3/4 Extreme earth |
| What Happens When a Volcano Erupts?Composition of the Earth: (Structure + Layers + Facts) - Science4Fun   |
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| **Forever Facts** |
| Understand that the earth is made up of layers (Crust, mantle, outer core, inner core) |
| Volcanoes are made when pressure builds up inside the earth. This affects the earth’s crust causing magma to sometimes erupt through it. |
| A tornado is a swirling funnel of air that forms when warm air rises from near the ground into big cumulonimbus clouds. |
| A tsunami is a giant wave caused by a huge earthquake under the ocean. The earthquake causes a large amount of water to be displaced very quickly causing a series of waves. |
| Earthquakes are caused when the earth’s tectonic plates suddenly move. Most earthquakes occur near the tectonic plate boundaries. |

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| **Skills** |
| To ask and answer geographical questions about the physical and human characteristics of a location.  |
| To describe key aspects of physical geography, including volcanoes and earthquakes. |

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| **Exciting Books** |
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Our EndpointTo describe and understand key aspects of physical geography. |

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| **Subject Specific Vocabulary** |
| cumulonimbus cloud | Large thunderstorm clouds. |
| erupt  | To suddenly burst out causing lava to explode out of the earth’s surface. |
| fossils  | The remains of plants or animals that lived a long time ago which can be found deep in the earth. |
| magma  | Extremely hot, liquid rock. |
| tectonic plates | The earth’s crust is made up of large areas called tectonic plates that join together. |

**SMSC**: *Spiritual – a fascination of the world around them is developed. Moral – opportunities to look at the situations from different points of view. Social – collaborating as a group and this collaborative learning continues throughout. Cultural – empathy work linked to natural disasters.*·        |