



What are the Earth's extremes? (Summer 2- 6 weeks)

<u>Launch</u>	<u>Intent</u>	<u>Key Concepts</u>	
	For pupils to understand what natural disasters are, how they occur and how they impact lives.	<ul style="list-style-type: none">• Beliefs• Humanity• Choice	<ul style="list-style-type: none">• Migration• Curiosity
<u>Core Texts</u>	<u>Cross-curricular Links</u>		<u>Key Figures</u>
Escape from Vesuvius Everything Volcanoes and Earthquakes			
<u>Nature Connectivity</u>	<u>ICT/ Useful links</u>	<u>Enrichment</u>	<u>Oracy</u>
Explode volcanoes outside.		Exploding volcanos.	<ul style="list-style-type: none">•



Sequence of Lessons			
Subject	Learning Challenge	Learning Flashback	Adaptations
1. Geography	Can I locate the equator? Can I identify the hemispheres and climate zones?	* Continents and oceans	
2. Geography	Can I understand the different layers of the earth? Can I explain what tectonic plates are?		
3. Geography	Can I explain how they tectonic plates move and what they cause?		
4. Geography	Can I explain how mountains are formed?		
5. Geography	Can I explain what the Ring of Fire is? Can analyse a range of maps to identify countries that are around the Ring of Fire?		
6. Geography	Can I understand the features of a volcano? (look at what and the key parts linked to a recent one case studies)		
7. Geography	Can I explain why a Volcano occurs? Active and inactive volcanos		
8. Geography	Can I locate and identify different countries where volcanoes occur? (Haiti, Iceland etc). Map Work		
9. Geography	Can I explain the impact that volcanoes have upon the local geography? (benefits and negatives)		
10. D&T	Can I use my understanding to generate an annotated sketch of a volcano?		
11. D&T	Can I practice using a range of tools and equipment for joining? Can I select suitable tools and equipment to use for my volcano explaining my choice? Can I explore how to strengthen, stiffen, and reinforce?		
12. D&T	Can I construct a volcano based on my design criteria and knowledge acquired?		
13. D&T	Can I evaluate my product against my design criteria? Can I consider ways in which I would improve my work?		
14. Geography	Can I understand what earthquakes are? (look at what and the key parts linked to a recent one case studies) Can I explain why an earthquake occurs?		
15. Geography	Can I locate and identify different countries where Earthquakes occur? (??? etc). Map Work		
16. Geography	Can I explain the impact that Earthquakes have upon the local geography? (LINK IN LEICESTER AND Turkey/Syria EARTHQUAKES) weak vs strong infrastructure JAPAN HAITI		
17. Geography	Can I use my knowledge to explain why natural disasters do not occur commonly in the United Kingdom?		
18. PSHE	Can I talk about how best to respond to natural disasters and how we can deal with loss, change and bereavement? Can I identify a range of hazards in school that may cause me harm (e.g. fire risks)?		
19. Science	Can I understand that forces are pushes and pulls which can make things move, stop or change shape? Can I investigate how things move on different surfaces? (see working scientifically document) Can I notice that some forces need contact between 2 objects but magnetic forces can act at a distance? Can I compare and group together materials based on whether they are attracted to a magnet and identify some magnetic materials? (see working scientifically document) Can I observe how magnets attract or repel each other and attract some materials and not others?		



	Can I describe magnets as having two poles? Can I predict whether two magnets will attract or repel each other? Can I investigate the strengths of different magnets? (see working scientifically document)		
20. R.E	Can I understand who and what are inspiring people? Can I understand what Ghandi and Rosa Parks did to become inspirational? Can I become and inspiring person?		
21. RSE	Can I explore the differences between males and females and name the body parts?		
22. RSE	Can I consider touch and to know that a person has the right to say what they like and dislike?		
23. RSE	Can I explore different types of families and who to go for help and support?		