

Our Intent is: To support our children to engage in enquiry about , "How the Earth's features are shaped and changed over time?" and understand their place in Forton and connection to the wider world.



Forton Primary School Geography

Clougha Class Summer 1 Year A

Etymology - erupt - from Latin *eruptus*, past participle of *erumpere* "to break out, burst,"

Key Concept: Extreme Earth

Key Question: What would you find if you dug through the Earth's layers?

How is a tornado different to a tsunami?



Layers of the Earth by Baby Professor

Unit Overview:
Layers of Soil

N.C. LINKS: Human and Physical

Pupils should be taught to:

Describe and understand key aspects of:

- Physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.

Subject Vocabulary:

Geographical Enquiry:

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<p>Layers of the Earth</p> <p>Volcanoes</p> <p>Tornadoes</p> <p>Earthquakes</p> <p>Tsunamis</p>	<p>Extreme, Earth, crust, mantle, outer core, inner core, erupt, magma, lava, tectonic plates, cumulonimbus cloud, fossils, volcano, tsunami, tornado, earthquake.</p>	<p>Atlas, map, aerial photograph, birds eye view, scale, key, symbols, equator, northern hemisphere, southern hemisphere, location, compass, direction, bearing, north, south, east, west, northeast (NE), southeast (SE), southwest (SW), northwest (NW), thermometers, temperature, degrees, rain gauge, rain fall, centimetres (cm), millimetres (mm) lowest, highest, average</p>
<p>. New Knowledge Progression:</p> <ul style="list-style-type: none"> • To describe and understand key aspects of physical geography in the context of what is under the Earth's surface. • To describe and understand the physical nature of volcanoes. • To describe and understand the physical nature of earthquakes. • To describe and understand the physical nature of tsunamis. • To describe and understand the physical nature of tornadoes. 	<p>Building on Prior learning KS1:</p> <ul style="list-style-type: none"> • To understand what weather is like in our country. • To look at weather where we live. • To understand different seasons of the year. • To describe how the weather can affect us. • To understand what weather forecasts show. • To understand the dangers of weather. • To understand what hot and cold countries are like. 	<p>Building on Prior learning when B follow A:</p> <ul style="list-style-type: none"> • To use a key on a map. • To use simple sketch maps to show how land is used. • To create simple maps. • Use maps to describe rural and urban areas. • Use maps to explain land use for farming.

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- To understand what a cold area of the world is like.
- To use map skills to locate hot and cold countries.

Key Skills (Disciplinary)

- Use geographical language to describe some aspects of human and physical features and patterns.
- Make observations about places and features that change over time.
- Use geographical language to identify and explain some aspects of human and physical features and patterns.
- Describe how features and places change and the links between people and environments.
- Ask and answer more searching geographical questions when investigating different places and environments.
- Identify similarities, differences and patterns when comparing places and features.
- Ask and respond to more searching geographical questions including 'how?' and 'why?'.
- Identify and describe similarities, differences and patterns when investigating different places, environments and people.

Sequence of Lessons:

1. **Under Our Feet** – To describe what you find underground.
2. **Volcanoes** – To explain how volcanoes are formed.
3. **More Volcanoes** – To explain how volcanoes affect people's lives.
4. **Earthquakes** – To explain what causes earthquakes and how they are measured.
5. **Tsunamis** – To explain what causes tsunamis and how they affect people.
6. **Tornadoes** – To explain what causes tornadoes and the effects they have.

Enhancements:

End of Unit Outcome: Natural disaster fact file.

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The Science and Industry Museum.

Children will create a fact file on a catastrophic disaster of their choice choosing from a volcano, tsunami, earthquake or tornado.

Oral Assessment:

What would you find if you dug through the Earth's layers?

How is a tornado different to a tsunami?

What would you find underground?

How are volcanoes formed?

Explain how volcanoes affect people's lives?

What causes earthquakes and how they are measured?

What causes tsunamis and how do they affect people?

What causes tornadoes and what are the effects they can have?