

# Ashtree Primary School and Nursery Medium Term Plan for Geography

## Year 6 Autumn – Earthquakes

### Prior Place and Location Knowledge – Year 5

- Pupils have studied a region of the U.K, a region in a European country and a region within North or South America and can identify similarities and differences between the three in physical geography and human geography.
- Pupils can locate countries of the world on a map
- Pupils can locate counties and cities, rivers, coasts and mountains of the United Kingdom
- Pupils can identify most for 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

### Prior Human and Physical Geography – Year 5

- Pupils can describe and understand an increasing variety of key aspects of physical geography and human geography including the water cycle (links to Science- states of matter).

**Key Vocabulary:** Structure, Earth, inner core, outer core, mantle, crust, Tectonic, Plates, earthquake, planning, prevention, case study, earthquake, Natural Disaster

### Lessons

Step 1 – To understand the structure of the earth.

Step 2 – To understand that Earth is split into tectonic plates.

Step 3 – To understand what an earthquake is and what causes an earthquake.

Step 4 – To investigate the dangers of an earthquake and understand how places plan for earthquakes.

Step 5 – To investigate an earthquake case study and the impact that was caused. (link to Americas – Haiti 2010)

**Location Knowledge = Red    Place Knowledge = Blue**

**Human/Physical Geography = Green    Fieldwork and Map skills = Black**

Step 1 to 6 - Pupils can describe and understand a wide range of key aspects of physical geography.

Pupils can describe and understand a wide range of key aspects of human geography including: earthquakes (follows on from Y3 science- rock formation).

Step 4 and 5 - Pupils can confidently identify how aspects of the physical and human geography have changed over time

### Curriculum Enhancements

- Videos on BBC bitesize explaining earthquakes.
- Natural History Museum – Earthquake exhibit.

### Misconceptions

- Compass directions
- Coordinates – Using the right process to find the right coordinates.

### Suggested Activities

S1 - To label the inside of the earth looking at how earth is structured.

S2 - To look and investigate maps showing tectonic plate. Explain that earthquakes happen nearer where two plates meet.

S3 - To explain the process of how an earthquake happens. Flowchart

S4 - Research the dangers of an earthquake. Investigate what countries put in place to deal with earthquakes.

S5 - Create a fact file about a specific earthquake.

### Curriculum Links

Maths – Direction, Coordinates.

Science – Earth structure