

Year 4 Adventurers and Explorers Spring Knowledge Organiser

Knowledge

Skills

Vocabulary

Key vocabulary

Geography, physical, human, volcano, volcanoes, tectonic plates

Curriculum Coverage

Geography

Describe and understand key aspects of: physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.

Big Questions

How can I describe and understand key aspects of physical geography?

What are some of the Earth's key processes?

How can I use a range of sources and information to find out about physical geography?

Knowledge Progression

Learning Questions

What are tectonic plates?

Why do earthquakes occur?

What are the earthquake procedures in Japan?

What is the water cycle?

How does this link to rivers?

Why do some UK locations flood?

What would it be like to experience flooding?

How are volcanoes formed?

Mastery Milestones

I can explain why earthquakes happen.

I can explain emergency procedures for earthquakes.

I can name the stages of the water cycle.

I can explain why some areas flood.

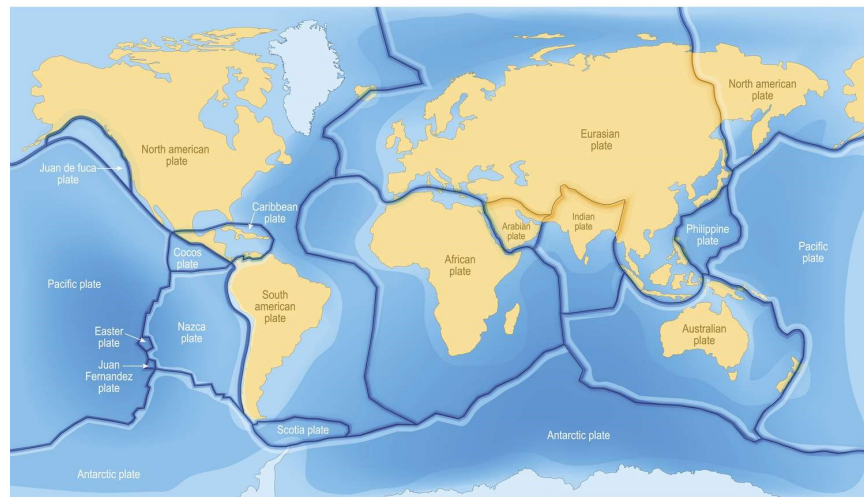
Scientific and geographical vocabulary

Tectonic plates, crust, fault lines, earthquake, tsunami, magma, fissure, erupt, active, extinct, dormant, precipitation, condensation, evaporation, ground run off, source, oxbow, mouth, meander.

Skills Progression

Ask/initiate and respond to geographical questions and offer their own ideas, use NF books, stories, atlases, pictures/photos and internet as sources of information. Investigate places and themes at more than one scale. Collect and record evidence with some aid. Analyse evidence and draw conclusions. Try to make a simple scale drawing. Know why a key is needed & use standard symbols. Begin to match boundaries (e.g. find some boundary of a country on different scale maps). Begin to identify significant places and environments. Use junior atlases

Tectonic plates



Early Years	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Understanding the World	Home Sweet Home	Our Wonderful World	From Caesteleshamm to Chesham A Journey Down the Nile		Bean to Bar	I have a dream... Blitzed