



Geography – Year 5 Autumn 2

Extraordinary Earth

(Previous knowledge – continents, oceans, familiarity with local weather patterns and ecosystems.)

Vocabulary

Tier 1	Tier 2	Tier 3
Weather	Environment	Biome
Map	Climate	Latitude & Longitude
Earth	Sustainability	Ecosystem
Plant	Impact	Anthropocene
Human	Region	Deforestation

● don't know
 ● I know this word
 ● I can use it in a sentence



Useful Resources

World map, atlases, Google Earth-Exploring the Anthropocene,

Extraordinary Earth

The Earth's Features

Are the natural parts of the planet's surface, like mountains, rivers, valleys, oceans, and deserts. These features shape how the land looks and influence the climate, plant life, and animal life in different areas.

Understanding Climate Zones

Climate zones are areas on Earth that have similar weather patterns, like temperature and rainfall, throughout the year. Some examples are tropical (hot and wet), polar (cold and icy), and temperate (mild and changing seasons).

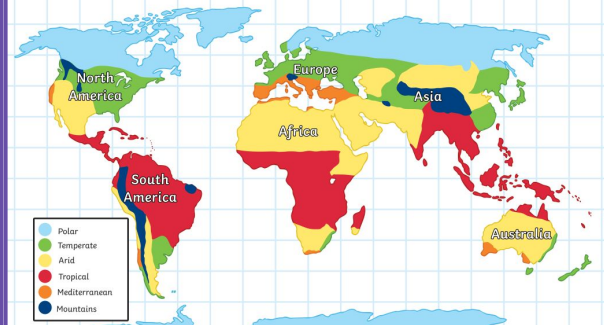
World Biomes

Biomes are large areas on Earth with similar climate, plants, and animals. Examples include forests, deserts, and rainforests. Each biome has its own unique environment and living things that are adapted to live there.

The Water Cycle and Weather Patterns

The Water Cycle is how water moves around the Earth. It starts when the sun heats up water from oceans, lakes, or rivers, turning it into water vapor (this is called evaporation). The vapor rises, cools down, and forms clouds (condensation). When the clouds get heavy, the water falls back to the ground as rain or snow (precipitation). Then the cycle starts again! **Weather Patterns** are the regular changes we see in the weather, like rain, sunshine, or wind, depending on where you live and the season. They are influenced by things like the water cycle, temperature, and wind.

World Climate Zones Map



Human Impact on the Environment

The ways people change the Earth. This can include cutting down trees (deforestation), building cities, creating pollution, and using natural resources.

Environmental Change Over Time

