



Windy Arbor Primary School - Creative Curriculum
Year: 5

Geography: Biomes & Ecosystems

Key question: What is in our local ecosystem?

Summary

During this topic geography topic we will explore the physical geographical features within the local area and then name the biomes and vegetation belts in the UK. We will then name the biomes and vegetation belts across the world. We will explore the impact of the climate on the ecosystems, animals, plants and woodlands. We will plan and conduct fieldwork at a local woodland ecosystem, observing, measuring and recording our findings. We will use fieldwork to observe, measure, record and present the physical features in the local area using a range of methods, including plans, graphs, and digital technologies. We will use the eight points of a compass and four and six-figure grid references.

Key Vocabulary

Biome	areas of the planet with similar climates, landscapes, animals and plants
ecosystem	a natural environment where everything interacts to support life
vegetation belt	an area with distinct plant types, determined by climate, soil, drainage
Tropic of Cancer	Northern latitude of the earth
Tropic of Capricorn	Southern latitude of the earth
Quantitative	Quantitative data is data that can be counted or measured in numerical values
Qualitative	Qualitative data is not numerical.

Key questions

- What biomes and ecosystems are found in the UK?
- What can I learn about ecosystems by studying the New Forest? (Case study: The New Forest)
- How can I study a local ecosystem?
- What data can I collect from my local woodland ecosystem?
- How can I present the data collected from my local ecosystem?

