Foxford Learning Plan

YEAR 11

Topic Ecosystems, biodiversity and management

Autumn term

Key Vocabulary

Ecosystem	A geographical area where plants and animals are linked together and work together to survive
Biome	A large area of land that contains one main ecosystem but may include other habitats
Biotic features	The living aspects of an ecosystem
Abiotic features	The non-living aspects of an ecosystem
Resource	A material from an ecosystem that is valuable to people, such as wood
Pollution	Introducing harmful materials into the environment
Environment	The world around us
Endangered	Where plants and animals are threatened with disappearing forever
Carnivore	A meat eater
Omnivore	Eats meat and plants as food
Sustainable	Use an environment in a way that the resources will be available for future generations

Key Skills

Over the course of the topic, I will be able to: -

- Analyse sources to interpret locations of ecosystems
- Compare reasons for the development of ecosystems in different locations
- Present data to illustrate the location and nature of ecosystems
- Explain how ecosystems may be vulnerable
- Assess the importance of different ways that ecosystems are exploited



I will Understand

1. Understand the difference between ecosystems and biomes. Know at least 4 different ones including rainforests and deciduous woodlands.
2. What is a nutrient cycle? Why could it change?
   Why is everything on earth linked?
   What does Biotic and Abiotic mean?
3. What are the main ecosystems of the UK?
   How do we use them?
4. Where are rainforests?
   What can you find here? Plants and Animals.
   What is the climate like?
5. What can we use the rainforest for?
   How does an increasing population affect the rainforest?