

Year 9 Geography Learning Programme term 3



Topic

Objectives/content

Classroom activities

Recommended home learning

Assessment

The Living World

Revision for the end of year exam.

One example of a small-scale UK ecosystem, to illustrate the concept of inter-relationships within a natural system, an understanding of producers, consumers, decomposers, food chain, food web and nutrient cycle.

The balance between components. The impact on the ecosystem of changing one component.

Overview of the distribution and characteristics of large scale, natural, global ecosystems.

The physical characteristics of a tropical rainforest.

The interdependence of climate, water, soils, plants, animals and people.

How plants and animals adapt to the physical environment.

A case study of tropical rainforests to illustrate the causes and effects of deforestation.

Strategies to manage the rainforest sustainably.

Physical characteristics of a Cold environment.

How animals adapt to the cold environment.

The value of cold environments as wilderness areas and why these fragile environments should be protected.

Home and away activity/expert groups. Divide class to become experts in a certain aspect of TRF. Workstations allow plotting of:

- Climate graph
- Map of location
- Soil description
- Plant adaptations
- Animal adaptations.

Aliens land on Planet Earth in a cold environment. They find this plant and this animal. What do they think Planet Earth is like?

Students design a plant to survive in the Tropical Rainforest.

Revision for end of year exam.

End of year exam.