

# KS3 Habitats & Ecosystems



## Session Description

This new combined session uses a tropical rainforest biome as a vehicle through which to explore the themes of food webs and interdependence.

Discover how tropical rainforests provide a unique biodiversity rich habitat within which the animals and plants are adapted to different layers. Learn more about the interdependent relationships between selected species and their role in the ecosystem.

## Session objectives

To understand the importance of tropical rainforests ecosystems for climate stability as well as for the animals and plants they support

To explain how living organisms including humans are interdependent.

## KS3 Curriculum Links

### Geography

To develop contextual knowledge of the location of globally significant places, including their defining physical and human characteristics and how these provide a geographical context for understanding the actions of processes

### Biology

#### Material cycles and energy

Photosynthesis

- the dependence of almost all life on Earth on the ability of photosynthetic organisms to use sunlight in photosynthesis to build organic molecules that are an essential energy store and to maintain levels of oxygen and carbon dioxide in the atmosphere

#### Interactions and interdependencies

Relationships in an ecosystem

- the interdependence of organisms in an ecosystem



**Marwell  
Wildlife**