

LEARNING JOURNEY

Biology



Life

Year 7 Autumn Half Term 1

Biology is the study of living organisms and their environment.

In this first module you build on previous learning about what life is and how one living thing can impact the survival of another (interdependence).

This will increase your understanding of the damage humans are doing to the environment.

What is Life?

MRS GREN

You will learn about the 7 characteristics that all living organisms have and look at why a virus is difficult to classify.

Five Kingdoms of Life

You will learn about how we classify living things and about what each Kingdom of Life has which is unique.

Interdependence

Food Chains

You will learn about what organisms make each stage of the food chain and how energy loss limits the size and efficiency of the chain.

Ecosystems and Habitats

You will learn about the importance of ecosystems using the Everglades as an example and how vital different species are to the survival of others.

Toxins and Food Chains

You will learn about how human caused pollution can build in the food chain causing health problems for organisms due to bioaccumulation.

Adaptations

Adaptations and Competition

You will learn about how different animals and plants are adapted to survive in their environment and how this allows successful competition.

Competition and Change

You will learn about how animals adapt to cope with different species and how competition can affect the survival of organisms in their habitat.

TUDOR HABITS: You will develop the Tudor Habit of responsibility as we consider the responsibility of humans to conserve and protect the natural world.

VOCABULARY:

Interdependence
Biodiversity
Consumer
Respiration

Ecosystem
Producer
Bioaccumulation
Competition

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