

Living things and their habitats

Environment

The surroundings of an object.

Year 4

Prior Knowledge

Year 3: Food and nutrition – muscles and skeletons.

Year 3 Plants: Identifying the functions of different parts of plants.

Year 2: A habitat is a place where living things can find what they need to live.

Year 1: Animals can be grouped into different categories.

Year 1 : Identifying parts of a plant.

Future Knowledge

Year 5: Differences in life cycles of different types of living things.

Year 6: Categorising living things based on the characteristics they share.

M – movement
R – reproduction
S – sensitivity

N – nutrition
E – excretion
R – respiration
G - growth



My Component Knowledge:

Lesson 1: I can group living things in different ways.

Lesson 2: I can identify the characteristics of living things.

Lesson 3: I can categorise and compare vertebrates and invertebrates.

Lesson 4: I can create and use classification keys.

Lesson 5: I describe the impact that changes in environments can have on living things and their habitats.

Lesson 6: I can ask and answer questions about what I have learnt this half term.

My Composite Knowledge:

I understand that all living things can be categorised based on their characteristics.

My Powerful Knowledge:

I know that all living things have 7 characteristics in common. All living things can be grouped in many different ways and can be classified based on their characteristics. Changes in an environment can have positive and negative impacts on habitats and humans can intervene to protect animals from becoming endangered or extinct.

Key Vocabulary

Tier 1: environment, similar, different

Tier 2: variation, classification, extinct, endangered, characteristic

Tier 3: organism, vertebrates, invertebrates, conservation

Working scientifically

I can ask scientific questions about why living things are found in certain habitats.

I can make careful observations of plants, animals, and microhabitats.

I can record what I find using tables, charts, or simple classification keys.

I can use my results to explain why a habitat suits certain living things.

I can present my findings using scientific vocabulary such as habitat, environment, and classification.



What is a vertebrate?

