

Science—Living Things

Environment

Prior Knowledge

Previously you have learnt about living things in Year 3 and Key Stage 1. You have learnt about classifying animals and how they can be classified in different ways.

Why might a species of animal become endangered?

How do you know something is alive? How do you define it?



My Component Knowledge:

Lesson 1: To identify similarities and difference between different animals and suggest how to classify them.

Lesson 2: To understand and name the 7 characteristics of living things.

Lesson 3: To identify similarities and differences between vertebrates and invertebrates.

Lesson 4: To identify different ways in which animals can be classified.

Lesson 5: To explain changes to the environment have affected endangered species.

Lesson 6: To create my own classification key and explain my choices

My Composite Knowledge:

To explain how you define a living thing and to identify and explain ways in which animals can be classified.

My Powerful Knowledge:

To explain how different animals are classified and to sort animals using questions. To explain the effect of deforestation and what is meant by endangered.

Key Vocabulary

Tier 1:

Environment
 variation

Tier 2:

Extinct
 Endangered
 Conservation
 Characteristic

Tier 3:

Invertebrates
 Organism



There are 7 characteristics:

- Movement
- Respiration
- Sensitivity
- Growth
- Reproduction
- Excretion
- Nutrition

