

Science—A World of Living Things

Environment

Prior Knowledge

In KS1 the children learnt that a habitat is a place where living things can find what they need to live, that animals can be grouped into different categories and how to identify parts and the functions of the parts of a plant. They learnt about food chains, what animals and plants need to survive and types of extreme weather.

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: I can consider how an animal can become endangered.

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

Lesson 3: I can identify different ways in which animals can be classified.

Lesson 4: I can identify different ways in which plants can be classified.

Lesson 5: I can suggest how changes to the environment can affect endangered species.

Lesson 6: I can show my understanding of how animals and plants are classified.

My Composite Knowledge:

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

My Powerful Knowledge:

To explain how different animals are classified and to sort animals using questions. To know the reasons why plants and animals become endangered and ways this can be prevented.

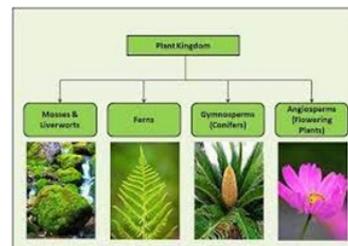
Key Vocabulary

Tier 1: Environment, variation, dangers, species

Tier 2: Extinct, endangered, conservation, characteristic, categorise

Tier 3: vertebrates, invertebrates, organism

How can you classify animals and plants?



- There are 7 characteristics:**
- Movement
 - Respiration
 - Sensitivity
 - Growth
 - Reproduction
 - Excretion
 - Nutrition

