

Year 4: All Living Things- CLASSIFYING AND HABITAT LIVING THINGS SCIENCE SUMMER 2

Prior Learning: Children will have learned to identify animals (amphibians, reptiles, birds, mammals), their habitats, and to how they get their food from plants and other animals.

Concept: Living Things

In this unit you will be explorers discovering new species of living things. You will learn how to group these and identify them to the rest of the world!

Working scientifically:

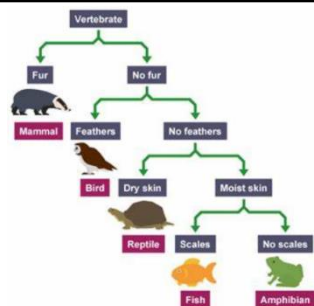


Ask scientific questions

Classification key



Present results



4. TWAL that changes to environments can causes danger to living things.



We will explore habitats in our school and consider how changes to this environment could affect animals who live there. We will apply this to different habitats.



Ask scientific questions

1. TWAL To recognise that living things can be grouped in a variety of ways



We will explore grouping living things and ask questions about how others group them. We will learn new categories including vertebrate, invertebrate and how to represent groups in Venn diagrams.



Ask scientific questions

5. TWAL use classification keys to identify a variety of living things in the local environment

We will be introduced to a new way of presenting data - classification key. We will learn to use them to identify living things in our Nature Zone.



Classification keys are a tool for identifying and grouping things.



2. TWAL: To understand what producers, predators and prey

Today we will explore what we know about food chains and learn about producers, predators and prey. Can you create a Venn diagram to group living things in these categories?



Producers make own energy from the sun, others must get energy from what they eat.

6. TWAL to use classification keys to group living things

We will learn how to create our own classification key, exploring them using Mr Men and sweets! Then we will apply this to animals.



Present results



3. TWAL to explain how food chains work

Today we will explore what we know about food chains and apply this to different food chains, ask questions and learn to explain them to others.



Food chains start with producers.



Ask scientific questions

Words we will know!

