

Year 3/4 Living things and their Habitats Knowledge Organiser



What do I already know ?



- I can identify and compare a variety of common animals including birds, fish, amphibians, reptiles and mammals. (Y1)
- I can identify a variety of habitats and recognise the animals that live within them. (Y2)

Gems of knowledge



- I can group living things in a variety of ways.
- I can use a classification key to group, identify and name a variety of living things.
- I can create a classification key to group, identify and name a variety of living things.
- I will learn that if an environment changes, it can pose a danger for a living thing.

How will I work like a Scientist?

- I will ask and answer questions using different types of scientific enquiry (Y3- when prompted).
- I will set up investigations (Y3-with some support).
- I will make observations using equipment.
- I will take accurate measurements using standard units. (Y3- with some support).
- I will gather, record, classify and present data in a variety of ways to help to answer a question. (Y3- with support).
- I will record findings using simple scientific language, drawings and labelled diagrams/charts.
- I will report on my findings from an investigation.
- I will use scientific evidence to answer a question.
- I will use results to draw simple conclusions.



Key vocabulary

Meaning

Organism

A living thing.

Classification/
Classification key

Where living things are placed into groups based on their characteristics.

Vertebrate

Animals with a backbone.

Invertebrate

Animals without a backbone.

Characteristics

Features or qualities that are specific to a species.

Environment

An environment contains many habitats.

Significant Scientist



Kelsey Archer Barnhill is deep sea ecologist currently working at the University of Edinburgh. She works with a team of engineers to send robots to the seafloor which collect samples of different organisms. This allows her to discover new species and also look at the impact of climate change.



Careers in Biology



Ecologists study organisms and how living and non-living things interact with each other.

Read me!



This Morning I Met a Whale by Michael Morpurgo.

Where The Forest Meets The Sea by Jeannie Baker

