

National Curriculum Objectives

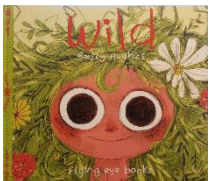
- explore and compare the differences between things that are living, dead, and things that have never been alive
- identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other
- identify and name a variety of plants and animals in their habitats, including microhabitats
- describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food
- observing closely, using simple equipment
- identifying and classifying
- using their observations and ideas to suggest answers to questions
- observe changes across the 4 seasons
- observe and describe weather associated with the seasons and how day length varies
- identify and name a variety of common animals that are carnivores, herbivores and omnivores
- find out about and describe the basic needs of animals, including humans, for survival (water, food and air)

Links to our school values:

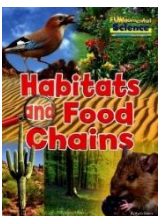
Respect
Thankfulness
Service

Texts to support learning

Fiction:



Non-Fiction:



Key Knowledge and Vocabulary

Lesson 1 – standalone lesson on winter to cover the seasonal changes part of the National Curriculum:

Know that there are 4 **seasons** in a year.

Know that the current season is **winter**

Know the sequence of the 4 seasons.

Identify some features of winter.

Describe the weather in winter and know that winter is the coldest of the four seasons.

Living things and their Habitats:

Identify living things, **living things** that have died and things that have never been alive.

Know that **life processes** are the things that all living things do.

Know that living things move, breathe, sense, grow, make babies, get rid of waste and get their energy from food.

Know that things that are **dead** were once living. They did have all the life processes but don't now.

Know that things made out of metal, plastic or rock were never living. They never had the life processes.

Know that a **habitat** is the natural place where something lives and that a habitat provides living things with everything they need to **survive** such as **food, shelter** and **water**.

know that animals and plants need to live in habitats they are **suited** to. Match animals and plants to suitable habitats

Know that a **microhabitat** is a very small habitat in places like under a rock, under leaves or on a branch.

Identify some minibeasts that live in microhabitats and that the microhabitats have everything they need to **survive**.

Identify and name a range of habitats around the world including **oceans, deserts, rainforests** and the **Arctic** and know some of the different animals and plants that live there.

Know that to **survive** means to stay alive.

Know that many living things in a habitat **depend** on each other to survive and that this means they need each other for different things.

Understand how the plants in a habitat need the animals and the animals in a habitat need the plants. E.g how does a squirrel need an oak tree/an oak tree need a squirrel?

Know that a **food source** is the place a living thing's food comes from.

Know that a **food chain** shows how each animal gets its food and that food chains are one of the ways that living things depend on each other to stay alive.

Identify the order of some food chains in different habitats.

Know that some animals are **carnivores**, some are **herbivores** and some are **omnivores** and explain what this means.