



Science Topic: Living Things and their Habitats

Year: 2 Term: Autumn 1

Key Knowledge/Content:

- Some things are living, some were once living but now dead and some things never lived.
- There is variation between living things.
- Different animals and plants live in different places. Living things are adapted to survive in different habitats.
- Environmental change can affect plants and animals that live there.

Scientist Focus:

Ernest Shackleton (Explorer)

Famous for exploring cold conditions, including Antarctica.

Links to:

Prior learning:

To explore living things in their local environment and observing different signs of life.

Future learning:

To sort animals and living things into different categories, based on their key characteristics.

Key vocabulary with definition:

Prior vocabulary:

- Animal
- Plant

New vocabulary:

- Living- Shows the functions of life such as breathing, eating and growth.
- Dead- Not living
- Never alive
- Habitat- Places where animals and plants live.
- Micro-habitat- A small part of a habitat, such as a clump of grass or a space between rocks.
- Shelter- Out of the rain or sun.
- Leaf litter- Dead plant material.
- Food chain- The natural process of things between eaten and eating.
- Conditions- The key features in a habitat such as wetness, shelter and warmth.
- Types of habitat:
 - Woodland
 - Arctic
 - Rainforest
 - Ocean
 - Desert

By the end of this unit

All children can: identify things which are living, dead or were never alive and identify types of habitats where animals and plants may live.

Most children can: describe some animals and plants that live in key habitats and explain what makes something a living thing.

Some children can: compare different habitats and explain the range of living things that can be found in certain micro-habitats.

Background understanding for teachers and parents:

This unit will look at living things and their habitats. The topic will focus on local environments and habitats as well as diverse habitats from across the world, such as deserts, the Arctic and rainforests.

Curriculum Driver (one):

Aspiration

Evidence outcome:

Understand that a variety of living things will vary depending on location and that people explore a range of habitats across the Earth.