

In this unit: Pupils will investigate the animals that live in the Polar Regions and study how they are adapted to live there. They will also investigate why the habitats are suitable. Pupils will create a polar habitat, including all the things the animals will need to survive.

Children should already know:

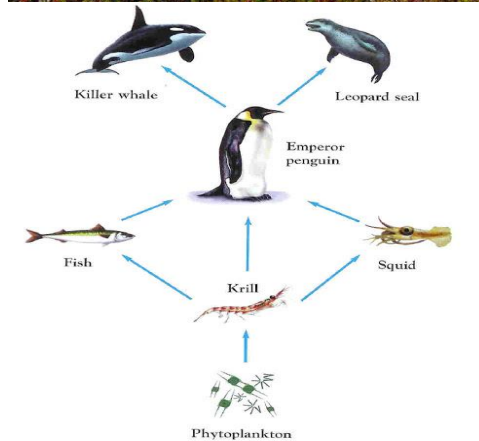
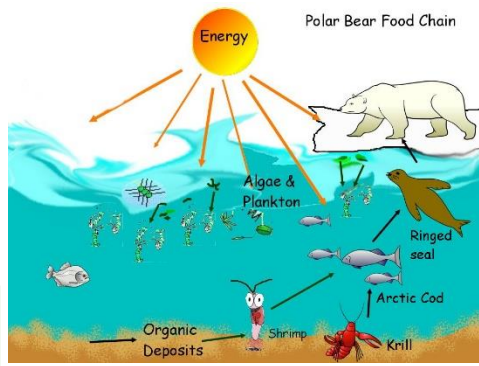
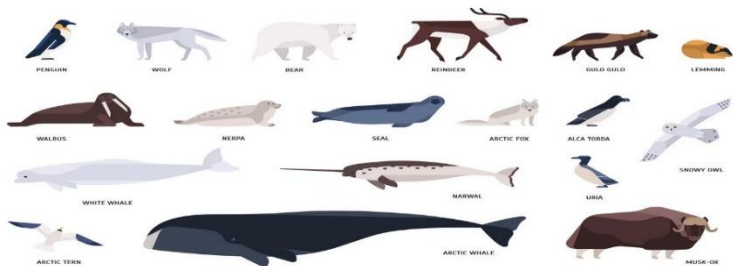
- that herbivores only eat plant based foods, carnivores only eat meat products and omnivores eat a mixture of both.
- the names of some common animals.
- that animals can be classified as mammals, birds, fish, reptiles or amphibians.
- that animals are either vertebrates or invertebrates.

At the end of this unit, children will know:

- the differences between things which are living, which are dead, and which have never been alive and be able to identify them.
- that most animals live in habitats that are suited to their needs.
- that habitats provide the basic needs for the animals and plants that live there.
- that animals depend on each other for survival.
- that some animals live in the Polar Regions and why.
- that animals get their food from plants and other animals and be able to use and draw simple food chains to show this.

Pupils could investigate:

- how animals and plants depend on each other.
- food chains in the Polar Regions.
- the types of animals that live in the Polar Regions.



### Key Vocabulary

biome	a natural area of vegetation and animals
dead	no longer alive
food chain	a series of living things which are linked to each other because each thing feeds on the one next to it in the series
habitat	the natural environment in which an animal or plant normally grows
life processes	the seven actions that all living things have in common
living	alive; completing the 7 life processes
microhabitat	a small part of the environment that supports a habitat, such as a fallen log in a forest
obtain	to get from something or somewhere
source	where something comes from
vegetation	plants, trees and flowers

Key Questions:

- what is a habitat/micro-habitat?
- why are other animals important to polar bears?
- what food would a ... need?
- what mammals live at the north pole?

