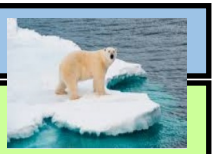


Newport Infant School—Science Knowledge Organiser



Autumn term	Year 2	Living things and their habitat / Animals

What should I already know?

The names of common animals, including fish, amphibians, reptiles, birds and mammals.
Some of the names of plants and animals in the school grounds and how to take care of them.

What I will know by the end of the unit

- During my zoo visit, I will find out about and describe the basic needs of animals for survival (water, food and air)
- I will learn what carnivores, herbivores and omnivores are and be able to identify some animals
- A habitat is a place where living things, can find all of the things that they need to
- survive. Some habitats are large, like the ocean. Some are very small, called Microhabitats where minibeasts may live



- Name different habitats from the around the world, such as Artic, Desert, rainforest and say how the habitats differ.
- Say how and why the animals and plants in these habitats are suited to the place they live

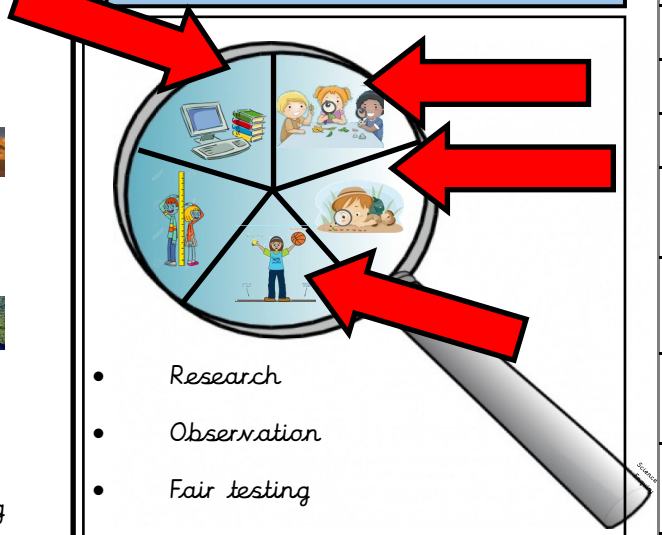


- Animals and plants depend on each other to survive. This is called a food chain. All living things (or things once living) have a part to play in food chains.

Investigate!

- Observe animals at the zoo. What things have they got to help them survive? Jane Goodall—chimpanzees
- Sort carnivore, herbivore and omnivore animals that we saw at the zoo
- Construct a food chain for a lion and shark
- Ask and answer questions about different habitats, including polar arctic lands

Science Skills



- Research
- Observation
- Fair testing
- Sorting and classifying

Vocabulary

Artic	Region near the North Pole
Antarctic	Region near the South Pole
Blubber	The layer of fat between the skin and muscle of animals such as whales or penguins
Carnivore	Meat eater
Climate	Region characterised by its weather
Desert	A region where there is so little rain, no vegetation grows
Habitat	An environment where a living thing is found because it needs the conditions there to survive
Herbivore	Eats vegetation only
Inuit	A person living in the north of the world
Omnivore	Eats meat and vegetation
Rainforest	An area of dense evergreen trees, with high annual rainfall.
Survival	When a plant or living thing endures or lives, often under unusual circumstances
Temperate climate	Moderate temperature, doesn't have long periods of hot or cold weather
Tropical climate	Very hot and humid
Vegetation	Plants, trees and flowers