

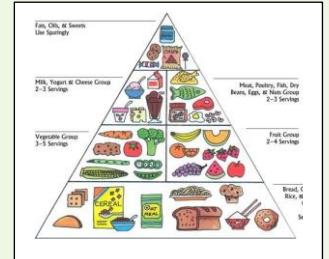
Year 2
Spring 2023
Science

Animals including humans

In this unit pupils will be exploring the animals and humans recognising what they need to reproduce and survive. Finding out about their basic needs and what is needed to help them grow and stay healthy.

Background information

All living things reproduce, some animals give birth to live young. Their offspring normally look like them when they are born. Other animals have offspring that does not look like them (fish and amphibians). Some animals lay eggs, which hatch into live young. This young then develops into an adult. All young animals change at different stages as they grow into adults. To stay alive all animals have three basic needs air, water and food. To grow into a healthy adult, we must eat the right types of food in the right amount and exercise. To stop illness and infections spreading, we must be hygienic and keep ourselves clean.



Knowledge and Understanding

In this unit pupils will learn...

- Recognise that animals produce young.
- **Notice that animals, including humans, have offspring which grow into adults.**
- Recognise changes that take place as animals get older
- Explain that adult animals no longer grow.
- Describe some differences they observe between babies and toddler.
- Make comparisons of differences they observe between babies and toddlers.
- Identify the offspring of a selection of different animals.
- **Find out about and describe the basic needs of animals, including humans, for survival (water, food and air).**
- Explain how to look after a pet describing what it needs to survive.
- **Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.**
- Recognise that exercise is important.
- Name some types of food.
- Identify some types of food that make up their diet and name some examples of each.
- Recognise that an adequate diet and exercise are necessary for them to grow and stay healthy.
- Describe some of the types of food that they eat.

Key Vocabulary:

- Baby
- Toddler
- Adult
- Offspring
- Food
- Healthy
- 5 food groups
- Pyramid
- 5 food groups
- Carbohydrates
- Dairy
- Proteins
- Fruits and vegetables
- Sugars and fats
- Exercise
- Fitness
- Healthy
- Strength
- Heart
- Beating
- Height
- Taller
- Smaller
- Centimetres
- Older
- Younger

Enquiry skills and Key concepts

- Use evidence to show that adult animals no longer grow.
- Use evidence to show that children of the same age are not all the same size.
- Use evidence to show that older children are generally taller than younger children.