



Science

Animals, including humans.

Background Information

In this unit, children learn about how humans and other animals are born, grow and change, and what we need to survive and be healthy. Children classify different kinds of animal babies, learn about the basic needs that are shared by humans and animals, and research the differing needs of animals within our care. Focusing their own experiences, children explore the need for humans to eat a varied diet, to keep themselves clean, and to take regular exercise.



In this unit the children will...

- Learn to describe how humans change as they grow.
- Identify how animals change as they grow.
- Perform simple tests to explore if children get faster as they get older.
- Learn what an animal needs to be able to survive.
- Learn why it is important for humans to eat the right amount of different type of food.
- Learn why it is important for humans to exercise.
- Learn the importance of hygiene for humans.

By the end of this unit....

All children can:

- Say which animal some babies will grow into.
- Name some animal babies.
- Say three things that humans need to stay alive.
- Generate questions about a pet they have chosen.
- Give examples of healthy and less healthy food.
- Name some things that humans do to keep themselves clean.
- Use a magnifying glass to look closely at their hands.
- Attempt to record what they see.

Most children will:

- Say how an animal will change as it grows.
- Draw an animal as a baby and then as an adult.
- Name the different stages in the human timeline.
- Set up a simple test.
- Collect and interpret results.
- Say how an animal gets air, food and water.
- Research the answer to a question.
- Say what is healthy about their diet.
- Say how they could improve their diet.
- Give a reason why humans need to exercise.
- Name one effect that exercise has on the human body.
- Record information about exercise.
- Use information to answer questions.
- Give reasons why humans should keep themselves clean.

Some children will:

- Describe what humans are like during the different stages of their lives.
- Design a menu that has the right amount of each different food type.



Key Vocabulary

Mammals, birds, reptiles, amphibians, womb, egg, spawn, pregnancy, chick, hatchling, tadpole, adult, baby, toddler, child, teenager, adult, elderly, basic needs, survive, water, food, air, lungs, gills, shelter, exercise, physical activity, heart, muscles, calories, clean, hygiene, germs.

