

Science

Animals, including humans.

Y2 spring term 1

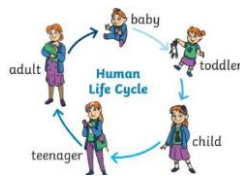
National Curriculum Objectives:

- ✓ Ask simple questions and recognise that they can be answered in different ways
- ✓ Observe closely, using simple equipment
- ✓ Perform simple tests
- ✓ Identify and classify
- ✓ Use their observations and ideas to suggest answers to questions
- ✓ Gather and record data to help answer questions

National Curriculum Statutory requirements:

Pupils should be taught to:

- ✓ Notice that animals, including humans, have offspring which grow into adults
- ✓ Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)
- ✓ Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene



Key Vocabulary:

Spelling:	Definition:
air	A tasteless gas that we breathe.
adult	A fully grown human or animal.
baby	A very young child.
calf	Baby cow.
develop	To grow bigger and stronger.
foal	Baby horse.
kitten	Baby cat.
life cycle	The changes living things go through to become an adult.
offspring	The child of an animal.
young	Offspring that has not reached adulthood.
diet	The food and water that a living thing needs.
exercise	A physical activity to keep your body fit.
germs	Tiny living things that can cause disease.
hygiene	How we keep ourselves and the world around us clean so we can stay healthy and stop germs spreading.
nutrition	Food needed to live.
puppy	Baby dog.
survival	To remain alive.
water	Transparent liquid that forms the basis of living animals.

Sequence of Learning:

Objectives (key knowledge):

Lesson 1 To learn that animals have offspring which grow into adults.	Lesson 2 To learn about life cycles.	Lesson 3 To learn that humans have offspring which grow into adults.	Lesson 4 To know about the basic needs of animals. Task: to find out what animals need to survive (water, food and air).	Lesson 5 To learn about the importance of exercise and diet to humans.	Lesson 6 To describe the changes in a human's body when it exercises. Task: a test – different exercises – which exercise makes heart beat faster, makes you sweat, makes you thirsty.
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Sticky Knowledge about animals, including humans.

- Some animals give birth to live young. Some animals lay eggs which the young hatch from. Both types of young then develop into adults.
- Some offspring look like their adult when they are born. Some offspring do not look like their adult when they are born.
- All young animals change as they go through the different stages of their life cycle and grow into adults.
- To stay alive, all animals have three basic needs for survival: water, air, food.
- To grow into a healthy adult, we must eat the right types of food in the right amount and exercise.
- Being active and exercising keeps our bodies and minds healthy.
- To stop germs from spreading, it is important to be hygienic.

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