Coley Primary School – Knowledge Organiser

SUBJECT FOCUS: Biology Strand	Science: Animals, including humans	YEAR 2	TERM 6

WHAT? – Key Knowledge

- 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.
- Use scientific language: say, read and spell scientific vocabulary

Amazing Facts

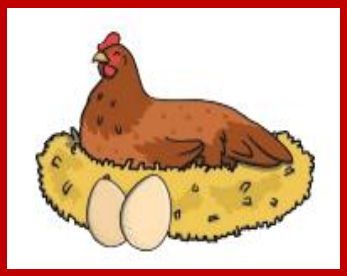
All living things **reproduce** and have **offspring**.



Some animals give birth to **live young**. Their offspring normally look like them when they are born.



Other animals have offspring, which do not look like them. For example, **fish** and **amphibians**.



Some animals lay eggs, which hatch into **live young**. This young then **develops** into an adult.

When these **eggs hatch**, some animals look like their **adults**, e.g. **bird** and **reptiles**.

Working Scientifically Challenge:

- Describe what animals need to survive.
- Explain that animals grow and reproduce.
- Can they explain why animals have offspring?
- Describe the life cycle of some living things. (e.g. egg, chick, chicken)
- Can they explain the basic needs of animals, including humans?
- Can they describe why exercise and a balanced diet are important for humans?

Warning:

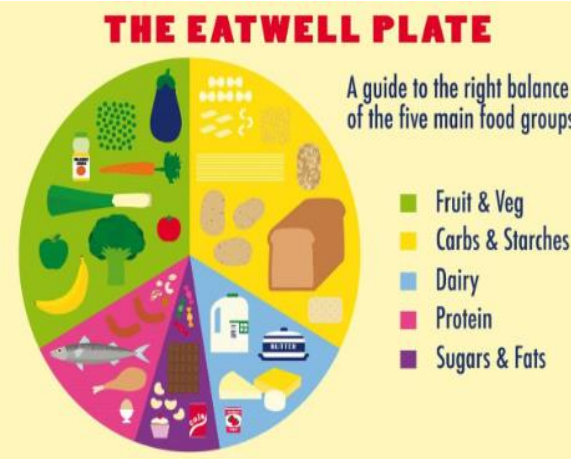
To stop illness and infections spreading, we must be hygenic and keep ourselves clean.

WHAT? – Key vocabulary

Adult = fully grown.
Develop = to grow and become stronger.
Life cycle = The changes living things go through to become an adult.
Offspring: The child of an animal.
Reproduce = When living things make a new living thing of the same kind.
Young = Offspring that has reached adulthood.
Live young = Offspring that has not hatched from an egg.

Dehydrate = to lose water (dry out)
Diet = The food and water that an animal needs.
Disease = illness or sickness.
Energy = the power to carry out a task.
Exercise = A physical activity to help keep your body fit.
Germ = Bugs that causes disease and illness.

Diagrams and symbols



I wonder…

- Can they explain that animals reproduce in different ways?
- Can they explain how animals get their food and draw a simple food chain?

Possible experiences: *Curious minds…*

- **Food Diary:** Record what you eat and drank. Discuss how healthy it is.
- **Fruit and Vegetables (Fact Cat: Health Eating),** by Izzi Howell