



St John Fisher RC Primary School

Year 2 Knowledge Organiser – Summer One - Science

What we will be learning

I know:

Lesson 1

- The differences between bulbs and seeds.
- How plants need water, light and a suitable temperature to grow and stay healthy.
- Observe and describe how seeds and bulbs grow into mature plants.

Lesson 2

- Notice that animals, including humans, have offspring which grow into adults.
- How to explore the stages in the life cycle of a human.

Lesson 3

- How to explore the stages in the life cycle of different mammals.

Lesson 4

- How to explore the stages in the life cycle of amphibians.

Lesson 5

- How to explore the stages in the life cycle of a butterfly.

Lesson 6

- How to investigate if the patterns between the life cycles of different animals.

Key Facts to Remember

- Plants can grow from seeds or bulbs.
- Plants need water, light, and the right temperature to grow and stay healthy.
- Animals, including humans, have offspring that grow into adults.
- Different animals have different life cycles, such as mammals, amphibians, and butterflies.
- By observing life cycles, we can see patterns in how living things grow and change.

Key Vocabulary and Glossary

Amphibian	An animal, like a frog, that can live in water and on land and goes through stages such as egg, tadpole, and adult.
Bulb	A round underground part of some plants that grows into a new plant.
Life cycle	The stages a living thing goes through from birth to adult.
Mammal	An animal that has hair or fur, drinks its mother's milk when young, and usually gives birth to live babies.
Offspring	A baby animal or human that grows into an adult.
Seed	A small part of a plant that can grow into a new plant.

Key Knowledge:

Plants and animals grow and change in different ways. Plants can grow from seeds or bulbs, and they need water, light, and the right temperature to stay healthy. Animals, including humans, have offspring that grow into adults. Different animals have different life cycles, such as mammals, amphibians, and insects like butterflies. By observing these stages, we can see patterns in how living things grow and develop.

