



# Year 2 - Autumn 2 - Science Knowledge Organiser

## What I already know...


Building on their learning in Year 1, the children will have the opportunity to recall the basic needs of all animals and identify the different groups.

## What I will learn...

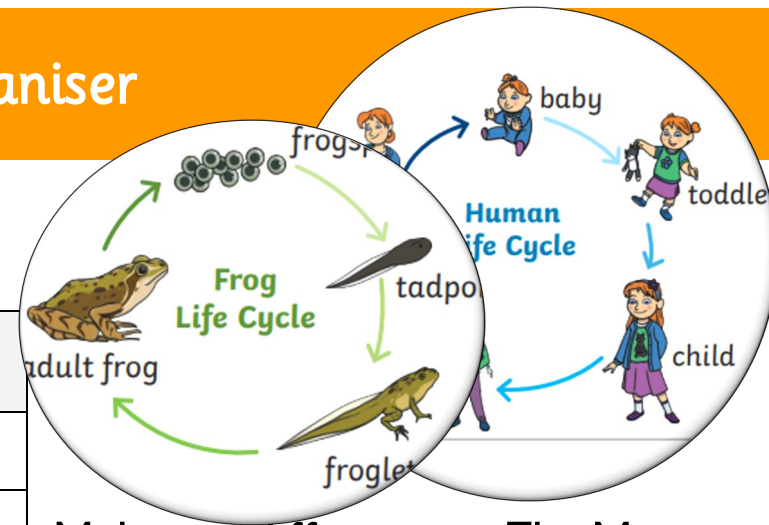
### Animals including humans

- All living things produce and have offspring.
- Some animals give birth to live young. Their offspring normally look like them when they are born.
- Other animals have offspring that don't look like them, e.g. 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 adult, e.g. birds and reptiles.
- All young animals change at different stages as they grow into adults.
- To stay alive all animals have 3 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.

## Key Vocabulary

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.
Live young	Offspring that has not hatched from an egg.
Diet	The food and water that an animal needs.
Disease	Illness or sickness.
Germ	Tiny living things that can cause disease.
Hygiene 	How we keep ourselves and the world around us clean so we stay healthy and stop germs from
Nutrition	Food needed to live.

To stay alive, all animals have three basic needs for survival:



## Making a difference at The Merton

The children learn about the stages of life for humans from a baby to adult and compare these stages. They also learn about the offspring of different animals and their names. We will be learning about the five food groups and understand that each group benefits the body in different ways. Finally, the children have the opportunity to think more scientifically about the effects of exercise on the body. The children will carry out a range of physical activities and discuss how they make them feel with a view to understanding why they benefit the body.

## Making a difference at home

- When having your breakfast or dinner can you identify the different types of food you are eating?
- What signs of life can you spot on your way to school or way home from school?
- Make sure you practice good health hygiene everyday - brushing your teeth, washing your hands etc