



St John Fisher RC Primary School

Year Two Knowledge Organiser – Autumn Term One - Science

What we will be learning

I know:

Lesson 1

- What a mammal is and can explore mammals' needs for survival.

Lesson 2

- How to find out about and describe the basic needs of birds

- The basic features of fish before learning that fish need air, water, food and shelter to survive

Lesson 3

- How to identify and name common examples of amphibians and describe their needs for survival

Lesson 4

- That reptiles need air, water, food and shelter to survive and they also need external heat to survive because they cannot generate their own body heat.

Lesson 5

- How to explore the similarities and differences between humans and other animal groups.

Lesson 6

- How to describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.

Key Vocabulary

- baby** – the stage after birth



- child** – the stage after a baby and before a teenager



- teenager** – the stage before becoming an adult human



- adult** – the stage when a living thing is fully grown



- life cycle** – the stages a living thing goes through

- offspring** – the young of a living thing



- growth** – when a living thing gets bigger



- egg** – contains the offspring of birds, amphibians, reptiles and most insects



- adult** – the stage when a living thing is fully grown



- parent** – an adult that has offspring



Key Knowledge

Animals, including humans need certain things in order to stay alive. **To survive means to continue to stay alive.** All animals need food and water to grow, remain healthy and stay alive. All animals need air so that they can breathe and stay alive.

- life cycle** – the stages a living thing goes through



- egg** – contains the offspring of birds, amphibians, fish, reptiles and most insects



- caterpillar** – the stage after hatching from an egg



- pupa** – the stage when the caterpillar forms a hard case and changes into an adult



- butterfly** – the stage when the butterfly is a fully grown adult



- life cycle** – the stages a living thing goes through



- amphibian** – an animal that can live on land and in water



- frogspawn** – frog eggs



- tadpole** – the stage after hatching from an egg, and has a long tail



- froglet** – the stage after tadpole, and has a tail and legs



Our diet is made up of the different foods that we eat.



eat every day



healthy diet
fruit, vegetables and other healthy food

eat sometimes



unhealthy diet
high in fat, sugar or salt

hygiene – keeping yourself and your surroundings clean



teeth – the hard structures in the mouth used to bite and chew through food



Exercise makes our bodies healthy.

It is important to brush your teeth twice every day to keep them clean and healthy.