



St John Fisher RC Primary School

Year Two Knowledge Organiser – Autumn Term One - Science

What we will be learning	Key Vocabulary		Key Knowledge
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 Lesson 3 - The basic features of fish before learning that fish need air, water, food and shelter to survive Lesson 4 - How to identify and name common examples of amphibians and describe their needs for survival Lesson 5 - 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 6 - 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.	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 	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.