



Science Curriculum Overview 2017-18

	Autumn Term		Spring Term	Summer Term
Year 1	Animals including humans What is that part of my body called and what does it do? What are my senses?	Animals including humans What are the names of common animals including fish, amphibians, reptiles, birds and mammals? What animals are carnivores, herbivores and omnivores?	Everyday Materials What are objects made from? What are the names and properties of everyday materials? What is the best material for a raincoat?	Plants What is the name of common wild and garden plants and trees? What are the main features of a plant?
Year 2	Living things and their habitats What grows and lives in different habitats? What is a food chain? I can explore and compare the differences between things that are living, dead and things that have never been alive. I can identify and name a variety of plants and animals in their habitats including micro-habitats. I can compare the differences between living things.	Animals, including humans What are the names of different animal's offspring? What do animals need to survive? What is the lifecycle of a human/frog/caterpillar?	Use of Everyday materials What materials are used for things and why? I can identify the different properties of materials? I can explain how materials can be changed using squashing, bending, twisting and stretching.	Plants How do seeds grow? What do plants and seeds need to grow successfully? I can observe and record how seeds and bulbs grow? I can explain the lifecycle of a plant.

Year 3	Animals and Humans What are muscles? What are they used for? Why do we have skeletons and how do they help us move?	Rocks and Fossils How are rocks and fossils formed? What are the different types of rocks?	Light What is light? What is dark? How are shadows formed and why do they change size?		Plants What are the parts of a plant? What do they need to grow? What is the life cycle of a plant?	Forces and Magnets What are forces? What are magnets? Which materials are magnetic?
Year 4	States of matter Why does water come in different forms?	Electricity What is electricity? How do bulbs work?	Sound How do we hear? How does my ear work?	Living things and their habitats How do we impact on animal's habitats? How do scientists use observations to group living things?	Animals and the digestive system How do we digest our food? Why do animals need to eat?	
Year 5	Forces What keeps our feet on the ground? How can we 'use the force'? How does it slow us down?	Earth and Space How do the planets in our solar system move? Why do we have night and day?	Changing Materials What changes can we make to water and wood? Can we reverse those changes?		Animals including Humans How do humans change from birth to old age? What roles do tribe people have at different stages of their lives?	Living things and their habitats What do life cycles look like in different habitats?
Year 6	Light and how we see How does light travel? What impacts on a shadow? How do we see?	Electricity How is the brightness of the bulb affected? What do the symbols represent in circuit diagrams?	Living things and habitats How are animals classified? How are plants classified? How are classification keys used?	Animals including humans Circulatory system Transport of nutrients Diet Drugs & lifestyle	Evolution and Inheritance What does Evolution mean? What have we inherited from our parents?	Sex Education (see PSHE) How do our bodies change? How are babies made?