



SCIENCE OVERVIEW



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Understanding the World What materials can we see?	Understanding the World Can we name and describe animals?		Understanding the World How do animals grow and change?	Understanding the World How do plants grow?	Understanding the World What floats and what sinks? What can we bend, stretch and snap?
Reception	Understanding the World What are the different parts of my body?	Understanding the World How are animals different to each other?	Understanding the World What sounds can we hear?	Understanding the World What do we notice about different plants?		Understanding the World How can we describe different materials? How can we create shadows?
Year 1	Everyday Materials How do we classify materials? Seasonal Changes How does the weather change with the seasons?		Animals, Including Humans How do humans use their senses?	Animals, Including Humans How can we identify different animals?	Plants How can we identify different plants?	Seasonal Changes How does the weather change with the seasons?
Year 2	Animals, Including Humans What do animals and humans need to survive?		Living Things & Their Habitats How do animals survive in different habitats?	Animals, Including Humans Why are diet and exercise important?	Plants How do plants grow and survive?	Materials Which materials are best to use for particular purposes?
Year 3	Plants What are the functions of the different parts of plants?	Rocks How can we compare and group different rocks and soils?	Animals, Including Humans Why do animals and humans have skeletons and muscles?	Light Where does light come from? How are shadows formed?	Forces & Magnets What is a magnet? Which materials are magnetic?	
Year 4	Animals, Including Humans What is the digestive system and what part do teeth play?	Sound What are vibrations, pitch and volume?		Electricity What do you need to create a series circuit?	Living Things / Habitats Animals, Including Humans How can you classify animals? How do food chains work?	States of Matter What are the changes in state for solids, liquids and gases?
Year 5	Materials and Properties What are the reversible and irreversible changes of solids, liquids and gases?			Earth and Space / Forces How do the bodies of the solar system move and what effect is created?	Living Things / Habitats Animals, Including Humans How do life cycles of different animal groups compare?	Forces What are the effects of water resistance and friction?
Year 6	Evolution & Inheritance How have living things changed over the years?	Light How does light travel and reflect?	Animals, Including Humans What is the circulatory system? How are water and nutrients transported around the body?	Living Things / Habitats How can we classify animals based on specific characteristics?		Electricity How can we create and compare circuits with a variety of components?