



SCIENCE OVERVIEW

SCIENCE	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Nursery		Understanding the World Can we name animals?	Understanding the World What materials can we find?	Understanding the World How do plants grow?	Understanding the World What does a caterpillar turn into?	Understanding the World What floats and what sinks?
Reception	Understanding the World What are the different parts of my body?	Understanding the World How are animals different to each other? How can we make ice change into water?	Understanding the World What sounds can we hear?	Understanding the World How can we describe different materials?	Understanding the World What do we notice about different plants?	Understanding the World How can we create shadows?
Year 1	Everyday Materials How can we classify materials? Seasonal Changes What changes across the four seasons? <i>Continued throughout the year</i>		Animals Inc. Humans How do humans use their senses?	Animals Inc. Humans How can we identify different animals?		Plants How can we identify different plants?
Year 2	Living Things and Their Habitats How do animals survive in different habitats?		Animals inc. Humans What do animals and humans need to survive?	Animals inc. Humans Why is exercise and diet important?	Plants How do plants grow and survive?	Materials Which materials are best to use for particular uses?
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 inc. Humans Why do animals and humans have skeletons and muscles?	Light Where does light come from? How are shadows formed?		Forces and 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? How do food chains work?	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?	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?		Forces What are the effects of water resistance and friction?	Living Things/Habitats Animals Inc Humans How do life cycles of different animal groups compare?
Year 6	Evolution and 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 do we classify animals based on specific characteristics?		Electricity How do we create and compare circuits with a variety of components?