



SCIENCE AT A GLANCE

	AUTUMN ONE	AUTUMN TWO	SPRING ONE	SPRING TWO	SUMMER ONE	SUMMER TWO
KEY STAGE 1 YEAR A 23 – 24 / 25 - 26	SEASONS Children will observe and talk about changes in the seasons.	EVERYDAY MATERIALS Children will explore and name everyday objects, the materials they are made from and their properties.	PLANTS Children will be able to name and understand the difference between common wild and garden plants.	ANIMALS, INCLUDING HUMANS Children will understand the differences between carnivores, herbivores and omnivores and understand that animals have offspring.	ANIMALS, INCLUDING HUMANS Children will learn the basic parts of the human body and understand which part of the body is associated with the five senses.	ANIMALS, INCLUDING HUMANS Children will learn about the importance of exercise and nutrition for humans as well as dental health and hygiene.
KEY STAGE 1 YEAR B 24 – 25 / 26 - 27	LIVING THINGS AND THEIR HABITATS . They will learn about local and micro-habitats and learn how each habitat provides the basic needs for different animals and plants.	LIVING THINGS AND THEIR HABITATS Children will explore and compare the differences between things that are living, dead and never alive.	LIVING THINGS AND THEIR HABITATS Children will be able to describe how animals obtain their food from plants and other animals.		SEASONS Children will observe and talk about changes in the seasons (spring and summer) and the weather associated with them.	SEASONS Children will observe and talk about changes in all four seasons and understand how day length varies.
LOWER JUNIORS YEAR A 23 – 24 / 25 - 26	STATES OF MATTER Children will learn about solids, liquids and gases. They will learn that some materials change state when heated or cooled.	STATES OF MATTER Children will learn about the water cycle including evaporation and condensation.	LIGHT Children will learn about the importance of light to see and how it is reflected. They will also learn how shadows are formed.	ROCKS Children will learn about different kinds of rocks and understand how fossils are made. They will understand that soils are made up of rocks and organic matter.	SOUND Children will learn how sounds are made, associating them with something vibrating. They will understand that sound travels through a medium to the ear.	SOUND Children will learn that sounds get fainter as the distance from the sound source increases.
LOWER JUNIORS YEAR B 24 – 25 / 26 - 27	ANIMALS, INCLUDING HUMANS Children will learn that animals need the right amount of nutrition	ELECTRICITY Children will learn to create simple series circuits, naming the basic parts. They will	LIVING THINGS AND THEIR HABITATS Children will understand that living things can be groups in	PLANTS Children will identify and describe the functions of different parts of flowering	FORCES AND MAGNETS Children will learn how magnets attract or repel each other and	FORCES AND MAGNETS Children will compare how things move on different surfaces and

	and that they cannot make their own food. They will build on their knowledge of food chains using the language of predator, prey and producer.	learn the difference between conductors and insulators.	a variety of ways. They will recognise that environments can change and that this can pose dangers to living things.	plants. They will learn about pollination, seed formation and seed dispersal.	some materials. They will be able to describe magnets as having two poles.	learn that some forces need contact between two objects but magnetic forces can act at a distance.
UPPER JUNIORS YEAR A 23 – 24 / 25 - 26	LIGHT Children will learn how light travels and how we see things.	ELECTRICITY Children will associate the brightness of a lamp with the number of cells used in a circuit. They will use different components of a circuit.	FORCES Children will understand that objects fall towards Earth because of gravity. They will identify the effects of air resistance, water resistance and friction.	LIVING THINGS AND THEIR HABITATS Children will understand the difference in life cycles of different groups of animals. They will learn the life process of reproduction in some animals.	LIVING THINGS AND THEIR HABITATS Children will understand the difference in life cycles of different types of plants.	
UPPER JUNIORS YEAR B 24 – 25 / 26 - 27	ANIMALS, INCLUDING HUMANS Children will learn about the changes as humans develop to old age and the main parts of the human circulatory system. They will learn about the impact that diet, exercise, drugs and lifestyle has on the way their bodies function.	EARTH AND SPACE Children will learn about the movement of Earth and other planets relative to the sun.	PROPERTIES AND CHANGES OF MATERIALS Children will learn about properties of materials. They will use their knowledge of solids, liquids and gases to describe dissolving and how mixtures can be separated.	PROPERTIES AND CHANGES OF MATERIALS Children will learn about properties of materials. They will use their knowledge of solids, liquids and gases to describe dissolving and how mixtures can be separated.	EVOLUTION AND INHERITANCE Children will build on their knowledge of fossils to recognise that living things have changed over time. They will learn that all living things produce offspring but that offspring vary.	