

WHOLE SCHOOL SCIENCE OVERVIEW						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Weather and Seasonal Observations	Forces	Weather and Seasonal Observations Plants around the world	Materials	Weather and Seasonal Observations The Life Cycle of a Plant	Habitats
Year 1	Introduction to working scientifically	Investigating Everyday Materials	Observing Seasonal Changes	Plants and Animals	Animals including Humans	Introduction to Healthy Eating
	<ul style="list-style-type: none"> ✔ Questioning ✔ Observing ✔ Testing ✔ Answering scientific questions ✔ Recording data 	<ul style="list-style-type: none"> ✔ Properties of materials ✔ Comparing materials and their uses ✔ Types of materials <p style="text-align: center;">Links to DT</p>	<ul style="list-style-type: none"> ✔ Observing the 4 seasons ✔ Seasonal impact on weather and lengths of days 	<ul style="list-style-type: none"> ✔ Deciduous and evergreen plants ✔ The structure of flowers and trees ✔ Carnivores, herbivores & omnivores 	<ul style="list-style-type: none"> ✔ Identifying and naming parts of the body ✔ Identifying different types of animals 	<ul style="list-style-type: none"> ✔ Eating the right amount of different foods ✔ Different sources of food <p style="text-align: center;">Links to DT</p>
Year 2	Working Scientifically	Uses of Everyday Materials	Animals including Humans	Plants	Living things and their habitats	Food and Healthy Eating
	<ul style="list-style-type: none"> ✔ Questioning ✔ Observing ✔ Testing ✔ Answering scientific questions ✔ Recording data 	<ul style="list-style-type: none"> ✔ The suitability of materials for certain uses ✔ Testing materials and their properties <p style="text-align: center;">Links to DT</p>	<ul style="list-style-type: none"> ✔ What is needed for survival ✔ How offspring grow into adults 	<ul style="list-style-type: none"> ✔ Observing plants and bulbs growing ✔ What a plant needs to survive <p style="text-align: center;">Links to Green Heart</p>	<ul style="list-style-type: none"> ✔ Things that are alive and things that are not ✔ Habitats to suit different animals ✔ How plants become food 	<ul style="list-style-type: none"> ✔ The importance of exercise ✔ Hygiene ✔ Eating the right amount of different foods ✔ Different sources of food
Year 3	Working Scientifically	Rocks	Light	Plants	Forces and Magnets	Healthy Bodies
	<ul style="list-style-type: none"> ✔ Scientific enquiry ✔ Observations ✔ Gathering data ✔ Classifying and presenting data ✔ Explaining findings ✔ Using evidence 	<ul style="list-style-type: none"> ✔ Different types of rocks ✔ Fossils and how they are formed ✔ How soil is made 	<ul style="list-style-type: none"> ✔ Light and dark ✔ Reflection and shadows ✔ Protection from the Sun 	<ul style="list-style-type: none"> ✔ Different parts of flowering plants ✔ What plants need to grow ✔ Life cycle of flowering plants ✔ How water is transported in plants 	<ul style="list-style-type: none"> ✔ Forces between objects ✔ Observing, testing and using magnets with different materials <p style="text-align: center;">Links to Green Heart</p>	<ul style="list-style-type: none"> ✔ Nutrition ✔ Food groups ✔ Skeletons and muscles <p style="text-align: center;">Links to DT</p>

Year 4	Working Scientifically	Electricity	Sound	Animals including Humans	Living Things and their Habitats	States of Matter
	<ul style="list-style-type: none"> Using Scientific enquiry Observations Gathering data Classifying and presenting data Explaining findings & evidence 	<ul style="list-style-type: none"> Electrical appliances Electrical circuits Parts of a circuit including lamps, buzzers & switches Conductors & insulators <p>Links to DT</p>	<ul style="list-style-type: none"> Sound & vibrations How sound travels Pitch, volume & strength of vibration 	<ul style="list-style-type: none"> The digestive system Types of teeth and their function Food chains 	<ul style="list-style-type: none"> Grouping living things Classification of living things How environments change and the impact on living things <p>Links to DT</p>	<ul style="list-style-type: none"> Comparing and grouping material Change of state Evaporation and condensation
Year 5	Working Scientifically	Properties and Changes of Materials	Forces and Magnets	Earth & Space	Living Things and Habitats	Animals inc Humans
	<ul style="list-style-type: none"> Planning scientific enquiry Taking measurements Recording, reporting & presenting data in different ways Testing results Using scientific evidence 	<ul style="list-style-type: none"> Compare & group materials Dissolving and separating materials Testing materials using fair tests Forming new materials <p>Links to DT</p>	<ul style="list-style-type: none"> The force of gravity Air resistance, water resistance & friction Mechanisms that use forces <p>Links to DT</p>	<ul style="list-style-type: none"> The movement of the Earth and planets The earth, Sun and Moon and how they move The Earth and how it gives us day and night <p>Links to Art</p>	<ul style="list-style-type: none"> The life cycle of a different types of animal Reproduction in plants and animals <p>Links to Green Heart</p>	<ul style="list-style-type: none"> Humans developing to old age Gestation of different animals
Year 6	Working Scientifically	Light	Electricity	Evolution & Inheritance	Animals inc Humans	Living things and their Habitats
	<ul style="list-style-type: none"> Planning scientific enquiry Taking measurements Recording, reporting & presenting data in different ways Testing results Using scientific evidence 	<ul style="list-style-type: none"> How light travels How we see using light Investigating how shadows are formed and change <p>Links to DT</p>	<ul style="list-style-type: none"> Voltage and cells Functions of components in a circuit Using symbols to represent a circuit <p>Links to DT</p>	<ul style="list-style-type: none"> Changes over time Offspring and their links to their parents How animals adapt to their environment 	<ul style="list-style-type: none"> The human circulatory system The impact of diet, exercise & lifestyle Nutrients and water in animals and humans 	<ul style="list-style-type: none"> Classifying and observing characteristics Micro-organisms, plants and animals <p>Links to DT Links to Green Heart</p>