

SCIENCE CURRICULUM MAP

	Autumn Term		Spring Term		Summer Term	
Year One	Seasonal Changes Identifying trees Autumn & Winter How the weather changes with the seasons	Materials Name common materials and describe their properties Grouping materials	Seasonal Changes Spring Weather associated with Spring Changes of day length	Animals including humans Parts of the human body Senses	Seasonal Changes Summer Seeds and plant growth Structure of flowering plants	Plants and Animals Naming common wild and garden plants Fish, amphibians, birds and mammals
Year Two	Everyday Materials Explain why a material might or might not be suitable for a specific job.	Animals including humans Describe basic needs of animals Know that animals produce offspring Animal lifecycles	Properties of Materials Identify properties of materials through testing, sorting and classifying	Plants Seeds and bulbs grow to mature plants To learn the ideal conditions for plant growth	Living Things and their habitats What is alive, dead or never had been alive? Habitats and food chains	
Year Three & Four Cycle A	Animals including humans Nutrition Different food groups Function of skeleton and muscles	Being Scientific Different types of sciences and scientists The role of science in everyday lives	Forces Know what a force is Magnets attraction and repulsion	Rocks Different Types of Rocks and their properties Fossils and their formation	Living Things and their habitats Habitats may change naturally and through human activity	Light Sources of light We see because our eyes and sense light Shadows - formation
Year Three & Four Cycle B	Animals including humans Human digestive system Types of teeth and their function	Electricity Build a simple circuit Conductors and insulators	States of Matter Materials can be grouped on their states of matter The water cycle	Sound Name and functions of parts of the ear Sound is produced by vibration. How volume and pitch are changed	Living Things and their habitats Functions of different parts of flowering plants Pollination; Seed dispersal How water is transported within plants	Classification Living things can be classified in different ways Classification Keys can be used to identify plants and animals
Year Five & Six Cycle A	Living Things and their habitats Life cycles of plants and animals Adaptation of plants and animals to different habitats	Materials Changes in materials – non reversible and irreversible changes Dissolving Separating Mixtures	Forces The effects of resistance and friction across moving surfaces affects acceleration	Living Things Plant reproduction – sexual and asexual reproduction	Earth and Space The earth is part of the solar system The Earth's rotations causes night and day The moon appears to change within the sky due to its orbiting the earth and the earth's orbiting of the sun.	
Year Five & Six Cycle B	Electricity Circuit diagrams How changing the number of cells / components effects the circuits A switch works by breaking a circuit	Light How we see objects Light travels in straight lines Prisms and Spectrums	Sorting and classifying Animals can be classified into groups and subgroups Micro organisms	Humans and other animals Circulation Name and function of circulatory system Name and functions of types of teeth	Humans and other animals Diet, exercise, drugs, lifestyle have an impact on our bodies Some conditions are caused by deficiencies in our diet	Evolution and inheritance The Theory of evolution How fossil records provides evidence for evolution