Curriculum Map

Subject: Science

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Animals, including humans • Basic parts of the human body • Senses. • Healthy eating The season of Autumn	Animals, including humans • Fish, amphibians, reptiles, birds and mammals • Carnivores, herbivores and omnivores The season of Winter	Everyday materials • Physical properties of different materials • Wood, plastic, glass, metal, water and rock	Plants • Wild and garden plants • Deciduous and evergreen trees • Basic structure of flowering plants and trees The season of Spring	The season of Summer • Seasonal changes • weather	
Year 2	Everyday materials • Uses for wood, metal, plastic, glass, brick, rock, paper and cardboard • Shaping solid - squashing, bending, twisting and stretching.		Living things and their habitats	Animals including humans • Lifecycles of animals - offspring which grow into adults • Basic needs of animals for survival (water, food and air) • Exercise, eating health and hygiene	Plants • Seeds and bulbs into mature plants • Basic needs of a plant (water, light and a suitable temperature)	
Year 3	Rocks • Appearance and simple physical properties of rocks • Fossils • Soils and organic matter.		Animals, including humans • Healthy diet and nutrition • Skeletons and muscles	Plants • Roots, stem/trunk, leaves and flowers • Basic needs for plants (air, light, water, nutrients from soil,	Forces and magnets • Magnets • Push and pull • Contact and non-contact forces • Friction	Light • Shadows • Needing light to see • The sun

				and room to grow) • Water transport within plants • Life cycle of flowering plants - pollination, seed formation and seed dispersal		
Year 4	Living things and their habitats • Grouping and classification • Environmental dangers	Animals, including humans, • Digestive system • Teeth • Food chains, identifying producers, predators and prey	States of matter • Solids • Liquids • Gases	Electricity • Circuits and their parts (cells, wires, bulbs, switches and buzzers) • Switches • Electrical Appliances • Conductors and insulators	Sound • Vibrations • Pitch • Volume • Sound transport to the ear	
Year 5	Forces, • Gravity • friction • Water and air resistance • Levers, pulleys and gears.		Earth and Space • Earth • Moon • Sun • Earth's rotation • Day and night	Properties and changes of materials • Hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets • Dissolving, mixing and changes of state are reversible changes • Solids, liquids and gases	Living things and their habitats • Life cycles of a mammal, an amphibian, an insect and a bird • Plants – pollination	Animals, including humans, • Reproduction in some plants and animals
Year 6	Animals, including humans • Circulatory system • Heart • Blood Vessels • Blood cells	Animals, including humans • Drugs • Alcohol • Smoking	SATS	SATs	Light & Electricity • Voltage • Switches • Circuits • Shadows • Reflection / Refraction	Evolution and Inheritance • Fossils • Offspring • Adaptation • Evolution