

Science 2020-21 Overview							
AGE PHASE	YEAR GROUP	AUTUMN		SPRING		SUMMER	
KS1	1	Seasonal Change. Animals, including humans. The human body and senses.	Materials. Identifying everyday materials and grouping.	Seasonal Change.	Animals, including humans. Animals.	Plants. Parts of a plant and tree.	Seasonal Change.
	2	Animals, including humans. Balanced diets and healthy living.			Living things and their habitats. Types of habitat, identifying animals in habitats.	Plants. Growing plants, germination and life cycle of a plant.	Materials. Uses of materials, Charles Macintosh
LKS2	3	Rocks and Soils. Types of rock and how they are formed, fossils, types of soil.	Forces. Magnets.	Animals, including humans. Nutrition, growing food, survival.	Plants. Transportation of water, parts of the flower, pollination.	Plants. Transportation of water, parts of the flower, pollination.	Light and Shadows. Sources of light, reflection, shadows.
	4	Materials. Sieving, filtering, Solids, liquids, gases, water cycle.		Electricity. Appliances that run on electricity, series circuits, conductors, insulators.	Forces. Air and water resistance, gravity, friction.	Animals, including humans. Skeletons, teeth, muscles.	Living things and their habitats. Food chains, classification, habitats.
UKS2	5	Sound. How sound is made, how sounds travel, volume and pitch.	Earth and Space. Solar system, Moon in relation to Earth, Sun in relation to Earth, Day and Night.	Plants. Parts of flower, germination, pollination, fertilisation, reproduction.	Living things and their habitats. Life cycles of 5 vertebrate groups.	Animals, including humans. Balanced diet, digestive system, circulatory system, respiratory system, life cycle of a human.	
		Living things and	Electricity.	Forces.	Plants	Materials.	Light.

	6	their habitats. Adaptation, classification, invertebrates. Evolution.	Series circuit, parallel circuits, investigations.	Mechanisms including levers, pulleys and gears.	Micro-organisms	Reversible and irreversible changes.	Refraction, rainbow colours, spectrum.
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