

Science Curriculum Overview 2021-2022



	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Seasonal change	Seasonal change	Animals including humans Focus - life cycles	Rocks, Fossils & Soils Focus - classification of rocks and soils, how fossils are formed	Electricity Focus - electrical appliances, Circuits, Conductors and insulators	Forces Focus - gravity, air resistance, water resistance, friction, effect of mechanisms	Electricity- Focus, voltage function of components, symbols in diagrams
Autumn 2		Materials Focus - objects and their materials	Living things and their habitats (Plants observations throughout the year) Focus - habitats, food chains. Living, dead, never alive	Forces and Magnets Focus - repel and attract. Contact and distance, poles, magnetic materials.	States of matter Focus - solids, liquids and gases, Changes of state, Evaporation and condensation and the water cycle	Properties and changes of materials Focus – properties, solutions, separation, reversible and irreversible changes	Light Focus, direction of travel, how objects are seen, how shadows are formed
Spring 1	Seasonal change	Seasonal change	Plants Focus - seeds and bulbs. Needs of a plant	Animals Including Humans Focus - nutrition, needs, skeletons.	States of matter Focus - solids, liquids and gases, Changes of state, Evaporation and condensation and the water cycle	Earth and space Focus – movement, rotation, day and night	Animals inc humans, Focus, circulatory system, exercise and healthy lifestyle
Spring 2	All creatures great and small Focus - naming animals and where they live - farm, woodland, wild How animals grow and change over time Life cycle of chicks	Plants Focus - wild and garden plants Seasonal change	Material Focus - changing the shape of materials, uses of materials	Plants Focus - functions of plant parts, water transportation, life cycle.	Sound Focus – pitch, Volume, Vibrations	Living things and their habitats Focus - Plant & animal life cycles	
Summer 1	Seasonal change	Animals Focus - classifying,	Plants Focus - seeds and bulbs.	Light Focus - dangers,	Living things Focus - grouping living	Animals including humans	Living things Focus, classification

		carnivore, herbivore, omnivore, mammal, birds etc	Needs of a plant	absence of light, reflection, shadows, shadow patterns.	things, Classify living things, Changes of environments	Focus - Changes as we grow	(plants, animals and microorganisms)
Summer 2	The Great Outdoors Focus - Naming flowers and trees Growing plants and identifying what plants need to grow Minibeasts and their habitats	Seasonal change	Importance of exercise, different types of foods and hygiene. Focus - exercise, hygiene, basic needs.	Light Focus - dangers, absence of light, reflection, shadows, shadow patterns.	Animals and humans Focus - describe basic functions of digestive system, Nutrition, Teeth and their function		Evolution and Inheritance Focus, how fossils are formed, how offspring vary to their parents, adaptation and evolution