

Science Coverage Overview

BIOLOGY

CHEMISTRY

PHYSICS

Year 1	<p>Animals inc Humans Name common animals Name carnivores, herbivores, omnivores SPRING 2</p>	<p>Seasonal Change Observe weather and changes across seasons ONGOING THROUGH YEAR</p>	<p>Plants Name basic parts— identify common plants SPRING 2</p>	<p>Everyday Materials Name. Describe and sort everyday materials AUTUMN 2</p>		
Year 2	<p>Animals inc Humans Animals have offspring, basic needs for survival. Importance of exercise, food hygiene. SPRING 2</p>	<p>Living things and their habitats Living, dead and never living, describe habitats, basic food chains SPRING 2</p>	<p>Plants Seed/bulb grow into plants. What plants need SPRING 2</p>	<p>Materials and their uses Uses of materials Changing shape of materials AUTUMN 2</p>		
Year 3	<p>Animals inc Humans Need for right amount of nutrition Skeletons and muscles SPRING 2</p>		<p>Plants Function - including how water is transported Life cycle of plants SPRING 2</p>	<p>Rocks Group different rocks, how they are formed Fossils SPRING 1</p>	<p>Light Need for light to see. How shadows are formed AUTUMN 2</p>	<p>Forces and Magnets Compare different surfaces. Magnets AUTUMN2</p>
Year 4	<p>Animals inc Humans Basic function of digestive system. Teeth. Food chains SPRING 2</p>	<p>Living things and their habitats Group living things, use classification keys. Change in environment can threaten life. SPRING 2</p>		<p>States of matter Solids, Liquids, gases Change state, Evaporation/condensation AUTUMN 2</p>	<p>Sound How sound is made, travels. Pitch and volume SPRING 2</p>	<p>Electricity Create simple and series circuits. Parts of circuit. Recognise complete/incomplete circuit linked to output e.g bulb. Test conductivity/insulators AUTUMN 2</p>
Year 5	<p>Animals Inc Humans How humans change with age SPRING 2</p>	<p>Living things and their habitats Animal - different life cycles, reproduction in plants and animals SPRING 2</p>		<p>Properties and changing materials Dissolve, separating, reversible changes. Change that produce new materials. AUTUMN 2</p>	<p>Forces Gravity, air/water resistance, friction. SPRING 1</p>	<p>Earth in Space Movement Earth, planets & moon. Night and day SPRING 1</p>
Year 6	<p>Animals Inc Humans Human circulatory system. Exercise, drugs and lifestyle. SPRING 2</p>	<p>Living things and their habitats Classifications including microorganisms, plants and animals. SPRING 2</p>	<p>Evolution and inheritance Fossils linked to evolution Offspring different to parents. Animal adaptation—Evolution SPRING 2</p>		<p>Light Travels in straight lines, How light enables us to see. How shadows are formed – shape AUTUMN 2</p>	<p>Electricity Brightness of lamp, volume of buzzer. symbols circuit diagrams. AUTUMN 2</p>

