



Whole school science overview

Year 1	<p>Biology Identify basic plants Identify basic plant parts (roots, leaves, flowers, etc.) Identify & compare common animals Identify & name basic body parts</p> <p>Chemistry Distinguish between objects & materials Identify & name common materials Describe simple properties of some materials Compare & classify materials</p> <p>Physics Observe weather associated with changes of season</p>
Year 2	<p>Biology Differentiate between living, dead and non-living Requirements for growing plants (water, light, warmth) Identify the basic needs of animals & offspring Investigate simple food chains & habitats</p> <p>Chemistry Identify and compare uses of different materials Compare how things move on different surfaces</p>
Year 3	<p>Biology Investigate plants, incl parts, lifecycle and requirements for life Animals: skeletons and nutrition</p> <p>Chemistry Classification of rock types Simple understanding of fossilisation</p> <p>Physics Recognise sources of light; shadows and reflections Simple forces, including magnetism</p>
Year 4	<p>Biology Classify living things Investigate the digestive system & teeth Understand Food chains</p> <p>Chemistry Recognise changes of state Understand the water cycle</p> <p>Physics Sound as vibrations Electricity: simple circuits & conductors</p>
Year 5	<p>Biology Life cycles of plants & animals (inc. mammal, insect, bird, amphibian) Describe changes as humans develop & mature</p> <p>Chemistry Classify materials according to a variety of properties Understand mixtures & solutions Know about reversible changes; identify irreversible</p> <p>Physics Understand location and interaction of Sun, Earth & Moon Introduce gravity, resistance & mechanical forces</p>
Year 6	<p>Biology Classification, including micro-organisms Health & Lifestyles, incl. circulatory system Evolution & Adaptation</p> <p>Physics Light & Shadows; the eye Forces, including gravity Electricity: investigating circuits</p>