

Curriculum Overview: Science

| Year Group | Content overview Cycle 1 | Content overview Cycle 2 | Content overview Cycle 3 |
|------------|---|--|--|
| 5 | Living things & their habitats Forces | Earth & Space Properties & Changes of materials | Animals including humans |
| 6 | Light Electricity | Evolution & Inheritance Heart, Circulation & Healthy living | Classification Preparation for Key stage 3 (Chemistry concepts) |
| 7 | The Particle model Forces Cells, tissues, organs, systems Acids & Alkalis | Sound Mixtures & separation Current electricity Ecosystems | Energy Atoms, elements & Molecules Sexual reproduction in animals Muscles & Bones |
| 8 | Rocks Plants & their reproduction Light Food & Nutrition | Energy transfers Combustion Breathing & respiration Earth & Space | Unicellular organisms The periodic table Fluids Metals & their uses |
| 9 | Key concepts in Biology States & separating solutions Motion | Growth & control Atomic structure & periodic table Forces & Motion | Genetics Bonding & Properties Energy |
| 10 | Evolution & Genetic modifications Quantitative Chemistry Waves & EM Spectrum Triple only Quantitative analysis | Health & Disease Acids & Alkalis Radioactivity Triple only Qualitative analysis | Photosynthesis Fuels & Atmosphere Energy & Forces |
| 11 | Ecosystems & Cycles Hormones & Homeostasis Reactivity & Energy Electric Circuits | Respiration, exchange & transport Electrolytic Processes Electromagnets Triple only Astronomy | States & Forces Revision & Exam technique |