

At Bournemouth School, the science curriculum aims to inspire a future generation of scientists, igniting curiosity and wonder in students and developing their understanding of the world around them. Practical activities are used regularly to support theoretical application of knowledge and to develop research and analytical skills. High quality teaching provides purposeful, stimulating lessons, providing a rich depth of knowledge, enabling students to become critical thinkers and contribute to shaping a better world.

| KS3 roadmap | | Term 1 | Term 2 | Term 3 | Term 4 | Term 5 | Term 6 |
|-------------|-----------|--|--|---|--|--|--|
| Year 7 | Biology | Cells Test 1 | Cells | Breathing Test 2 | Digestion Test 3 | Reproduction | Reproduction Year 7 Exam |
| | Chemistry | Lab Safety Particle Model | Particle Model Test 1 Elements | Elements Test 2 Types of Reaction | Types of Reactions Acids and Alkalis | Acids and Alkalis Test 3 Separating Substances | Separating Substances Year 7 Exam |
| | Physics | Forces | Forces Progress Check 1 (Test) Light | Light Progress Check 2 (Test) | Space | Heat & Temperature | Progress Check 3 (Task) Year 7 Exam Heat & Temperature |
| Year 8 | Teacher 1 | Biology: Plant reproduction Chemistry: Elements | Test 1 Physics: Contact forces and pressure Biology: Digestion | Biology: Digestion Test 2 Chemistry – Types of reactions | Chemistry – Types of reactions Physics: Work | Test 3 Biology: Photosynthesis | Revision End of year assessment Chemistry: Earth and its resources |
| | Teacher 2 | Physics: Light Biology: Breathing | Test 1 Chemistry: The Periodic Table Physics: Magnetism and electromagnetism | Physics: Magnetism and electromagnetism Test 2 Biology: Respiration | Biology: Respiration Chemistry: Chemical Energy | Test 3 Physics: Heating and cooling | Revision End of year assessment Biology: Inheritance |

Long Term Curriculum Plan Science