

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 | Cells | Breathing | Digestion | Reproduction | Revision and end of year assessment Reproduction |
| | Chemistry | Lab Safety Particle Model | Particle Model Elements | Elements Types of Reaction | Types of Reactions Acids and Alkalis | Acids and Alkalis Separating Substances | Revision and end of year assessment Separating Substances |
| | Physics | Forces | Forces Light | Light Space | Space | Space Temperature | Revision and end of year assessment Temperature |
| Year 8 | Biology | Respiration | Photosynthesis | Variation | Inheritance | Interdependence | Revision and end of year assessment Interdependence |
| | Chemistry | Periodic Table Metals and Non-Metals | Metals and Non-Metals Chemical Energy | Chemical Energy Earth Structure | Earth Structure Earth Resources | Earth Resources Climate | Revision and end of year assessment Climate |
| | Physics | Energy | Electricity | Magnetism | Magnetism Speed | Speed Sound | Revision and end of year assessment Sound |