# Physics Curriculum Overview - Academic Year 2025-2026

| Year | Term 1 | Term 2 | Term 3 | Term 4 | Term 5 | Term 6 |
|---|---|---|---|---|---|---|
| 7 | Working Scientifically | Forces | Atoms, elements and compounds | Body Systems | Light | Acids and Alkalis |
| | Particles | Cells | Sound | Reactions | Reproduction | Space |
| | Note: Some topics will be taught at different times due to split classes and staff working days, however all students will cover each topic above throughout the year. | | | | | |
| 8 | Working Scientifically | The Periodic Table | Biological Processes | Motion and Pressure | Metals and Other Materials | Inheritance |
| | Health and Lifestyle | Energy | Separation Techniques | Ecosystems and Adaptations | Electricity and Magnetism | The Earth |
| | Note: Some topics will be taught at different times due to split classes and staff working days, however all students will cover each topic above throughout the year. | | | | | |
| 9 | 9 | Energy: Stores and systems | Using Energy | Electricity 1 | Electricity 2 | Particles and Matter |
| 10 | 10 | Atomic structure | Radioactivity | Forces and motion | Forces and Newton's Laws | Forces in action |
| 11 | 11 | Waves 2 | Magnetism and electromagnetism | Magnetism and electromagnetism | Space (Sep. only) | REVISION |
| 12 | 12 | Practical Skills<br>Particles and radiation | Waves and Optics<br>Forces in equilibrium | Forces and motion<br>Work, Energy & Power | Materials<br>Electric Circuits | Circular motion<br>REVISION |
| 13 | 13 | Simple harmonic motion<br>Gases | Magnetic Fields<br>Electrical fields | Gravitational Fields<br>Capacitors | Nuclear Physics<br>Astrophysics | REVISION |

NOTE: The timings may vary due to the needs of individual students and classes (especially KS3 due to classes having shared teachers) but it is envisaged that all classes will cover the curriculum above.