



The Science department are a forward thinking and enthusiastic team dedicated to making science accessible, and engaging students in the wonder of the world around them. We do this through linking to the real world and practical work to make key concepts understandable. The Science department aims to ensure that all students meet or exceed their potential. We will encourage students to develop a curiosity about the world around them and how science is used in everyday life. We will motivate students to consider occupations and careers which involve science.

Our aim is that every child can understand and critically evaluate any scientific problem they may be faced with in an ever-changing, modern world. Through the courses that we offer, we seek to provide an inspiring range of experiences both in and outside the classroom.

The department has 8 science labs. Each lab is well equipped to allow all types of Biology, Chemistry and Physics practical work to be completed. The science department has 12 full and part time specialist staff and 2 technical staff that support with the practical aspect of Science.

Students follow the AQA Key Stage 3 Specification with Biology, Chemistry and Physics taught by one or two teachers. There is a direct link to what will be studied in Key Stage 4 in Combined Science Trilogy GCSE. Aspects of the Activate Course are used.

## | Year 7

- Cells
- Body Systems
- Health and Lifestyle
- Particles
- Atoms, Elements, and compounds
- The Periodic Table
- Acids and Alkalis
- Electricity
- Energy
- Space

## | Year 8

- Adaptions and Inheritance
- Reproduction
- Ecosystems
- Types of Chemical Reactions
- Separating Mixtures
- Metals and Acid
- The Earth
- Forces
- Sound
- Light
- Motion and Pressure

