



Cardinal
Newman
CATHOLIC SCHOOL

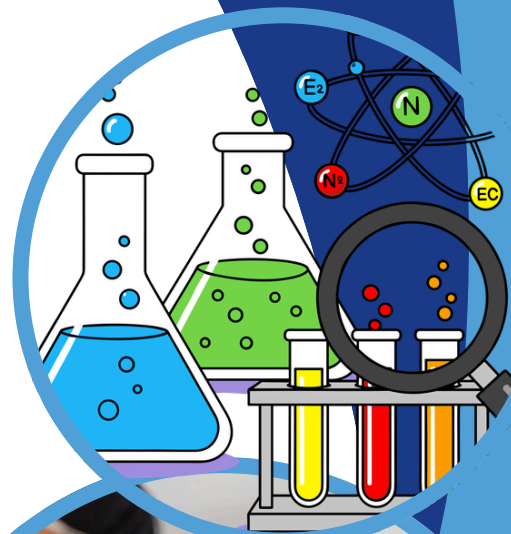
Science Department

Welcome to the Science Department! In year 7 you will learn to use the principle of 'the big ideas' in Science, which will enable you to connect concepts.

In science we aim to provide the foundations for understanding the world through the specific disciplines of biology, chemistry and physics. Science is vital to the world's future prosperity and through the understanding of key foundational knowledge and concepts, pupil will be encouraged to develop a sense of excitement, curiosity and interest about natural phenomena and the world we live in.

Science is taught by 14 specialist teachers covering the three science subjects of Biology, Chemistry and Physics.

The department is fully supported by a dedicated team of 4 technicians, enabling investigative work to be at the forefront of teaching and learning within our lessons.

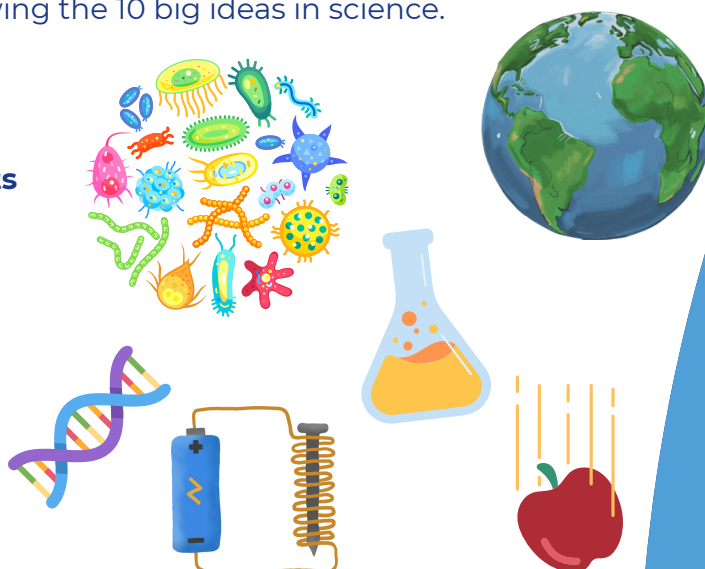


Key Stage 3

In Key Stage 3 you will study a range of interesting and exciting topics in Year 7 and 8, following the 10 big ideas in science.

These are:

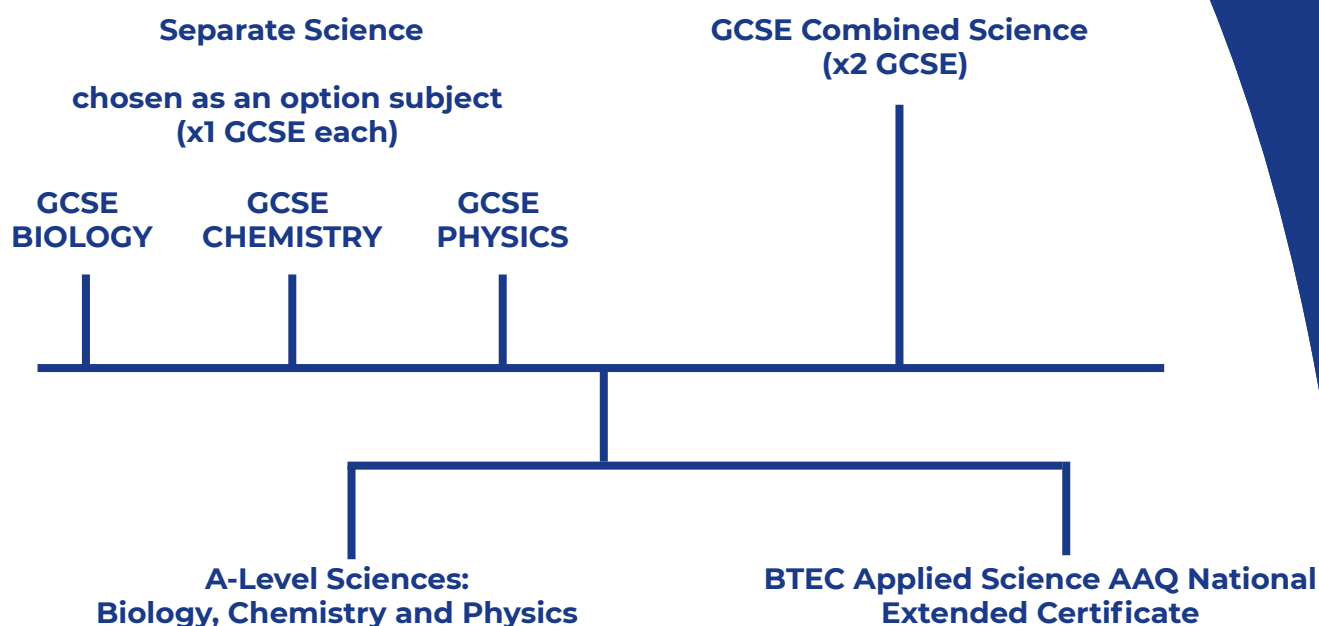
- Forces
- Electromagnets
- Energy
- Waves
- Matter
- Reactions
- Earth
- Organisms
- Ecosystems
- Genes



Together towards our Lord through learning, love and faith

In Year 9 we start looking at the core concepts necessary for pupils to access the GCSE content. Pupils will complete the Key Stage 3 programme of study by learning about Atmospheric Chemistry and study the Foundations of Biology, Chemistry in preparation for the start of GCSE.

Key Stage 4



Our A-Level courses are very popular at our Sixth Form and are in high demand. We look forward to teaching you from Year 7 through to Year 13!

