



# Applied Science

## **Why study Applied Science?**

In an increasingly scientific and technological world, having an understanding of science and its application and the relevant practical skills is an advantage for many careers. The course will equip you with an understanding of: scientific principles associated with the application of Biology, Chemistry and Physics; experimental and practical techniques associated with applied science; and an understanding of the roles and skills of scientists, and the public and media perception of science.

## **What skills will I gain from studying Applied Science?**

Studying Applied Science will enable you to develop the knowledge and understanding of scientific principles, as well as those scientific practical skills recognised by higher education institutions and employers to be most important. Applied Science also offers you an opportunity to develop transferable skills such as problem-solving, numeracy, research and communication.

## **Having studied Applied Science Level 3 what opportunities will be open to me?**

Applied Science will provide you with a broad understanding of vocationally-related sciences to support progress to higher education. This can also prepare you to take up employment in the applied science sector, either directly after Sixth Form or via higher education.

## **Entry requirements**

5 GCSEs at grade 4, grade 4 in Maths and grade 44 in Combined Science. Please note this course is paired with Core Maths and so you must take both Core Maths and Applied Science.

**Type of Qualification** - Level 3 Certificate in Applied Science

**AQA Qualification Code** – TVQ01028

**Specification code** – 1775

## **Topics covered in Year 12**

Key concepts in science  
Science in the modern world (introduction)

## **Topics covered in Year 13**

Key concepts in science  
Applied experimental techniques  
Science in the modern world