

High Aspirations
High Expectations



A Level Sciences **(Chemistry, Physics, Biology)**

BTEC Applied Science

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A LEVEL SCIENCES

Chemistry is study of matter, its properties and how and why different substances combine or separate to form other substances. It has many applications in Medicine, Industrial Sciences, Environmental Sciences, Energy and Engineering to name a few.

Biology is the study of living things and will allow an insight into the vast wonders that life on Earth has to offer. The course covers a range of content from the subcellular to whole ecosystems.

Physics is the study of time and space and the fundamental forces that underpin the world around us. It is a small set of tools that allow you to take apart the secrets of the universe.

BTEC APPLIED SCIENCE

Applied science is a more vocational look at the sciences, with fewer exams. Equivalent to three A levels you will study physics, biology and chemistry with a focus on experiments. With a Btec in science, you can apply for almost any science degree in the country.



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Courses available:

A Levels: Biology, Chemistry, Physics

BTEC: L2 and L3 Applied Science

Learning experience:

All of the courses have a large practical element, and students will learn an array of skills that will assist them in their future careers in Science.

We have guest speakers from a range of disciplines visiting to chat with students about their research and studies at university.

Progression routes:

A Level Physics - Engineering, Aeronautics, Astrophysics

A Level Chemistry - Pharmacy, Biochemistry, Medicine, Dentistry

A Level Biology - Zoology, Marine Biology, Forensics

BTEC Applied Science - anything you want in science! We have seen students progress to everything from Bioengineering to Pharmacy to Astrophysics – the world is your oyster!

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STUDENT SPOTLIGHT

Heather Ward



Attended:
Great Academy Ashton

Study Programme:
Biology – A*
Chemistry – A*
English Literature – A

Progression:
University of Liverpool
Veterinary Medicine

Heather undertook a summer placement at the University of Leeds whilst studying at Clarendon.

During the placement she worked with PhD students investigating genetic disorders and gained invaluable university experience.

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STUDENT SPOTLIGHT

Lewis Kelsall



Attended:
The Co-Op Academy, Failsworth

Study Programme:
Maths – A*
Further Maths – A*
Physics – A
Business Studies – B

Progression:
Cambridge University
Engineering

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STUDENT SPOTLIGHT

Zaina Siddique



Attended:
The Co-Op Academy, Failsworth

Study Programme:
BTEC Applied Science
D*D*D*

Progression:
Keele University
Pharmacy

As Zaina was such a committed and dedicated student, she was chosen to complete an Extended Project Qualification, in which she investigated the impacts of e-cigarettes on health

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