



BTEC Applied Science at Sidcot

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Sidcot
Live Adventurously

Why choose a BTEC National Diploma?

Young people taking their first steps towards a new life after school need the right blend of **technical and academic skills** in order to become the highly skilled, work-ready individuals employers and universities look for.



Why universities
choose BTEC



Why employers
choose BTEC



Why students
choose BTEC

BTEC Level 3 Nationals are vocational qualifications designed to help students succeed. They have been developed in collaboration with over 5,000 universities, employers and professional bodies with **employability and higher education at the heart**, so students can develop the skills and confidence they will need to step into their future.

BTEC Level 3 Nationals qualifications take a unit-by-unit approach and provide students with practical, work-related courses. They offer:

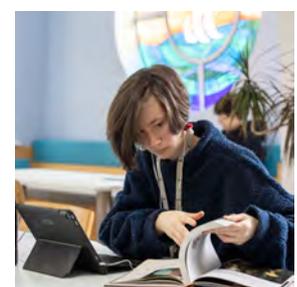
- **Combination of assessment styles**
Students can demonstrate their knowledge, skills and understanding through work-related contexts.
- **Large foundation of mandatory units**
Universities and employers have evidence of a consistent level of core knowledge and skills.
- **Comprehensive support**
Students enjoy an extremely comprehensive package of support.

Did you know...

90% of BTEC students go on to receive a First or Second class degree. (The Uni Guide, 2023)

Our state-of-the-art facilities:

Incorporating design inspiration and a 'wish-list' from the students themselves, the recently renovated Sixth Form space provides the ideal preparation for university or post-18 options. Intellectual courage and curiosity are encouraged as students prepare for life after School, supported by the on-site independent Careers Advisor. Collaborative teaching methods are employed in specially-designed classrooms, inspiring students to achieve their highest academic potential. Those looking to take a BTEC in Applied Science will also regularly use our recently renovated Science Block, designed to optimise both theoretical and practical learning.



BTEC Applied Science

Which units will students cover?

Core Units

- Principles and Applications of Science – explores key biology, chemistry, and physics concepts.
- Practical Scientific Procedures and Techniques – develops laboratory skills such as titration and chromatography.
- Science Investigation Skills – teaches students to plan, conduct, and evaluate investigations.

Students will also study a range of optional units like Human Physiology, Genetics, or Inorganic Chemistry Applications, relevant to career pathways in Science.

What syllabus do you follow?

The Pearson BTEC Level 3 National Diploma in Applied Science is an applied general qualification equivalent in size to one A Level.

How will you be assessed?

Students will complete a series of units assessed throughout the course, allowing for regular feedback and personal development. Most units are assessed internally. This means that your teachers set and assess the assignments that provide the final grade of each unit.

Each external assessment for a BTEC National is linked to a specific unit. The styles of external assessment used in BTEC Level 3 Applied Science are examinations and set tasks. BTEC learning has always encouraged students to apply their learning in realistic contexts using scenarios and realistic activities that will draw on and apply their learning.

What could this course lead to?

A BTEC in Applied Science opens pathways to a wide range of university courses and careers, including:

- Nursing
- Paramedic Science
- Forensic Chemistry
- Biological and Environmental Sciences
- Physiotherapy
- Sports Science
- Health and Social Care

Students will gain transferable skills such as critical thinking, teamwork, independence, and report writing.

Who is this course for?

This course suits students who prefer continuous assessment, practical work, and real-world application rather than final exams. It is ideal for students who enjoy science and want to continue studying Biology, Chemistry and Physics through a practical, applied approach. It allows learners to develop scientific knowledge and skills that are highly valued by universities and employers.



If you have any questions about the courses we offer in Sixth Form or would like more information, visit our website www.sidcot.org.uk, or contact us direct.



Thomas Ruddle
Assistant Head (Upper School)
E. thomas.ruddle@sidcot.org.uk



Tamara Reed
Head of Science
E. tamara.reed@sidcot.org.uk



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Sidcot School
Oakridge Lane
Winscombe
North Somerset
BS25 1PD



+44 (0)1934 843102 | info@sidcot.org.uk | www.sidcot.org.uk

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