

Welcome to Cambridge Academy for Science and Technology (CAST)



Are you interested in a career in the STEM subjects?

CAST is Cambridge's only specialist science, technology, and maths college. We are situated in a new state of the art laboratory building on the Cambridge Biomedical Campus at the heart, of the Cambridge science community. The College is equipped to university level and staffed by specialists who have professional experience beyond teaching.

This makes us the go to place for science and technology education. If you would like to know more about the College please watch our [video](#), you can also download our [prospectus](#).

This document has been designed to give you an overview of the CAST's sixth form provision; please use the hyperlinks to take you through to videos about the different aspects of College life and to more detailed downloads about specific aspects of our curriculum.

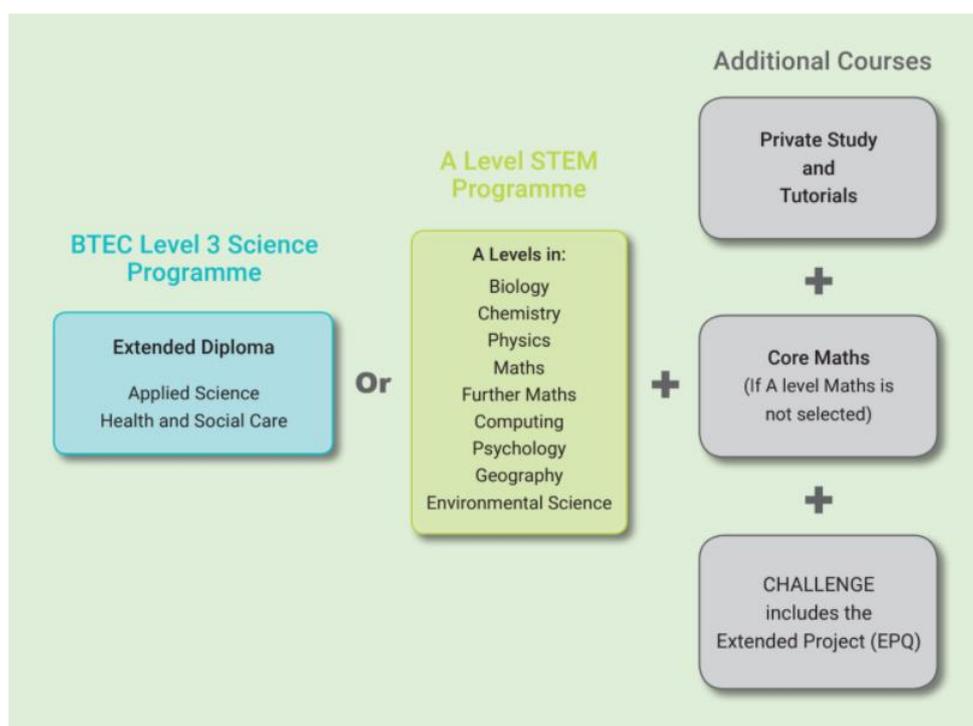
We look forward to welcoming you to CAST next year.

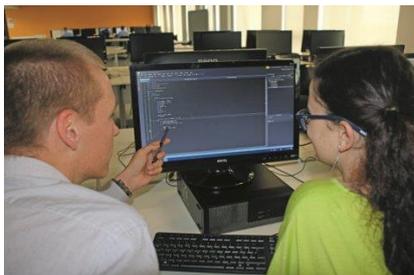
Danielle Pacey
(Principal)



Sixth form at CAST

Our sixth form takes in around 70 students annually into a range of science and maths A Levels and BTECs. A summary of our curriculum can be seen below.





Students study for 5 lessons per week for each A Level subject and 15 per week for BTEC Extended Diplomas. In addition to A Levels or BTECs all students not doing A Level Maths also study Core Maths, this is an AS equivalent course and both supports the student's other studies and is very valuable as they continue on in STEM based education or careers. All students also spend 5 lessons per week on

Challenge, this is an opportunity to work alongside practicing scientists and engineers in industry led extended projects, that are recognised as an exemplar in high quality science education and really helps students progress into STEM based university places and careers. Through Challenge students also complete the Extended Project Qualification. In addition to the main curriculum sixth



form

students are also supported by a high-quality Careers Programme and the Wider Curriculum that prepares them well for moving successfully into the adult world. Furthermore, the College offers excellent pastoral and SEND support.



What do our students have to say?

We asked some of our students what they thought about studying at CAST, click [here](#) to find out what they said.



To find out more about the different courses that the College offers please click on the links below for an overview video, or to download a more detailed handout.

BTEC Extended Diploma in Applied Science

[Video](#)
[Handout](#)

Core Maths

[Video](#)

BTEC Extended Diploma in Health and Social Care

[Video](#)
[Handout](#)

A Level Biology

[Video](#)
[Handout](#)

A Level Chemistry

[Video](#)
[Handout](#)

A Level Computer Science

[Video](#)
[Handout](#)

A Level Environmental Science

[Video](#)
[Handout](#)

A Level Geography

[Video](#)
[Handout](#)

A Level Further Mathematics

Video (see Maths)
[Handout](#)

A Level Mathematics

[Video](#)
[Handout](#)

A Level Physics

[Video](#)
[Handout](#)

A Level Psychology

[Video](#)
[Handout](#)

Challenge

[Video](#)
[Handout](#)

Wider Curriculum

[Video](#)
[Handout](#)

Career, Education, Information, Advice and Guidance

[Video](#)
[Handout](#)

Entry requirements

A Levels: Minimum entry requirements 7 GCSEs (at grade 4-9) Science (6), Maths (6) and English (4)

BTEC: Minimum entry requirements 5 GCSEs (at grade 4-9) including Science (5), Maths (5) and English (4)



Finally, [here](#) is what Lord Baker, former Secretary for State for Education, has to say about education at CAST.

Applying for a sixth form place at CAST



If you would like a tour of CAST you can book one [here](#).

To apply for CAST please do so via the [MyChoice@16](#) website.

For more information

Please go to our [website](#), or email info@cast.education or admissions@cap.education