



**BEAL SIXTH FORM**

**ONE SIXTH FORM, TWO CAMPUSES,  
THREE PILLARS, FOUR PATHWAYS**



## SUSTAINABLE INNOVATION, MAKING OUR BEST BETTER

The BSF Maths School extends our comprehensive curriculum breadth and high expectations inclusion model, complementing the existing three Post 16 pathways by introducing a fourth to meet the needs of our highfliers with full integration into BSF life and personal development.

The Maths School is designed to provide a pathway for students interested in studying mathematics-related disciplines at university and pursuing mathematics-intensive careers.

Students will be taught parts of the curriculum by 'academics in residence' bringing incredible academic depth and real-world applications of mathematics to their learning.

Maths classes will take place in a bespoke, state-of-the-art suite of classrooms, including collaborative and interactive spaces, the first of which will be ready for the pilot cohort in September 2025.

### BSF Maths School Three Pillars

**Innovation:** Encouraging the application of mathematical concepts to create innovative solutions and state-of-the-art technology. Cultivating a mindset that approaches challenges with creativity and analytical thinking.

**Critical Thinking:** Developing the ability to analyse and evaluate information methodically and logically. Emphasising the importance of precision and accuracy in solving problems and presenting solutions.

**Ethical Reasoning:** Encouraging students to ask questions and explore mathematical concepts with curiosity and inquiry. Teaching students to consider the broader impact of their mathematical applications personally, professionally, and on society.

A LEVELS	SUPER CURRICULAR
Maths	Core Logic and Philosophy
Further Maths	Tutorials/Seminars
Physics	PSHE/Careers/Personal Development
Computer Science	Academics in residence
Economics	Visiting Fellows

### Super-curricular UCAS

- Weekly problem-solving challenge
- Competitions: Senior Mathematics Challenge and Maths/Physics Olympiads
- Extended Project Qualification
- University preparation sessions with support for admissions tests preparation - e.g. STEP, MAT, PAT.
- Guest lectures from university academics and other university outreach activities.

### Entry Requirements

All students need an 8+ in GCSE Maths, along with 5+ in English and the following for the 3rd subject they wish to study:

Physics = GCSE Physics (7+) or Combined Science (77+)

Computer Science = GCSE Computing (7+)

Economics = GCSE Business, Economics or Humanity (7+)

Students with a GCSE APS of 7.5+ can elect to study four A-Levels including Maths and Further Maths.

Contact: Head of Sixth Form, Mr Baker [admin@bealsixthform.co.uk](mailto:admin@bealsixthform.co.uk)

### BEAL SIXTH FORM

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**Beacon Academy Trust**

A COMPELLING VISION FOR SUCCESS