



WHY STUDY FURTHER MATHEMATICS AT HGS?

- **Taught as a separate class**, unlike in many schools, and sequenced with A Level Mathematics as one coherent programme
- **TMUA, STEP and interview preparation** within the taught curriculum, with TMUA content introduced early
- **Our strongest students achieve A* grades in both A Levels** and progress to leading Mathematics, Computer Science and Engineering degrees
- Bespoke booklets throughout, all available on hgsmaths.com



COURSE AT A GLANCE

Grade 8+

GCSE Mathematics required

22

lessons a fortnight

7

final examinations

2026 RESULTS

A LEVEL FURTHER MATHEMATICS

58%

Grade A*–A

100%

Grade A*–B



KING EDWARD VI
HANDSWORTH GRAMMAR
SCHOOL FOR BOYS



Explore our resources

hgsmaths.com

Discover our curriculum

Mathematics at HGS · [school website](https://www.hgs.bham.sch.uk)



KING EDWARD VI
ACADEMY TRUST
BIRMINGHAM



COURSE STRUCTURE

A LEVEL MATHEMATICS

Pure 1 · Pure 2 · Statistics and Mechanics
3 papers, 2 hours each

A LEVEL FURTHER MATHEMATICS

Core Pure 1 and 2 · Further Pure 1 and 2
4 papers, 1½ hours each

Assessed entirely by examination · calculators permitted in every paper



IS IT FOR YOU?

- A **genuine passion for mathematics** and plans for a related degree
- Readiness for a very high level of challenge
- A strong work ethic



UNIVERSITY PATHWAYS

REQUIRED FOR

- Mathematics
- Computer Science
- Engineering
- Physics
- Economics

ADVANTAGEOUS FOR

- Chemistry
- Earth Sciences
- Architecture
- PPE
- Finance

SUBJECTS THAT PAY THE MOST

Six years after study, according to UK government data

- | | |
|------------------------------|---------------------------|
| 1 Further Mathematics | 4 Mathematics |
| 2 Economics | 5 Computer Science |
| 3 Physics | |

