

Mathematics

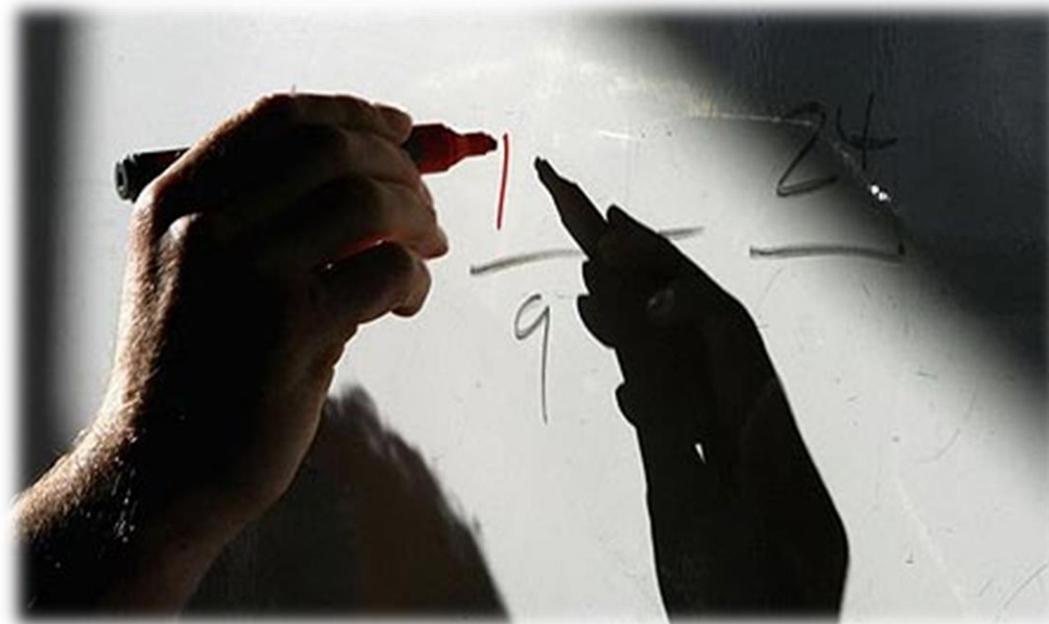
King Edward VI High School Mathematics Department is proud of the outstanding contribution it continues to offer its students. Our most recent results saw over 55% of our students gaining grade A* - C in Mathematics.

Key Stage 2

The Mathematics Department takes an active role in transition activities and ensures students have opportunities to explore aspects of Mathematics and ask questions.

Key Stage 3

Key concepts are reinforced and developed throughout Key Stage 3 using a range of problem solving and real-life applications. Functional tasks prepare students with for their studies at Key Stage 4 and enhance their skills of enquiry, encouraging tenacity and persistence when encountering unexpected mathematical situations.



Key Stage 4

Students begin their GCSE studies in this subject in the summer term of Year 9. Nationally, significant changes have taken place in Mathematics examinations: a new GCSE with revised grading was introduced for first teaching in September 2015 (Grades of 0-9 replacing the current U-A*). There is now more emphasis on problem solving and applying knowledge to contexts than there was previously. Some students will also take standalone qualifications including the Level 2 Edexcel Award in Algebra to provide a focus and examination practice throughout their course.

Key Stage 5

Students have the opportunity to study Maths beyond GCSE level and this is a popular choice for many. When demand has been sufficient we have offered Further Maths and Additional Maths in addition to our **very successful A level Maths students**. Students are currently offered a variety of modules including Statistics, Decision and Mechanics. The A Level course changes from September 2017.

All students have the opportunity to support their learning through ICT provision. Key Stage 5 students are provided with free access to the A level MEI website, which provides invaluable resources to reinforce in class learning.

