



Curriculum Statement - Mathematics

Mathematics is essential for everyday life and understanding our world. It is also essential to science, technology and engineering, and the advances in these fields on which our economic future depends.

It is therefore fundamentally important to ensure that all students have the best possible mathematics education. They need to understand the mathematics they learn so they can be creative in solving problems, as well as being confident and fluent in developing and using the mathematical skills so valued in the world of industry and higher education.

The Mathematics Department aims to provide all students with a rewarding and enjoyable experience of mathematics. We will prepare students to become confident, numerate individuals who are able to deal with all aspects of mathematics in their chosen career and in all aspects of their adult life. This will be accomplished through our commitment to excellent teaching, a well-designed curriculum with an interesting variety of lessons to motivate and engage all students. We have high expectations of all students so that they will recognise and achieve their full potential. We hope that students will develop their own skills in analysis, reasoning, creativity, collaboration and self-evaluation so that they can meet the mathematical problems they face with thoughtfulness and enthusiasm.

Our aim is to provide all students with a challenging and enjoyable mathematics curriculum in a supportive and motivating environment. Our students take part in a variety of maths challenges and we have been particularly successful in the UKMT Team Challenge. Students have the opportunity to sit extra qualifications including the Level 2 Certificate in Further Maths.

"If you are receptive and humble, mathematics will lead you by the hand."

Paul Dirac