



Subject: Mathematics

Vision What do we want our young people to gain in our subject?	
We are looking to equip our students with the mathematical skills to be successful with the next stage of their education. We would like our students to have fluency in Mathematics and to be able to approach problem solving with a positive attitude. We want to have students who are resilient, seek challenge and are confident in their mathematical ability. We want students to enjoy Mathematics and to share their love of the subject with the community.	
Key Stage	Learning content
Years 7, 8 & 9	A demanding and enriching curriculum, designed to prepare students for life in the wider world, and for GCSE study and beyond. Topics include aspects of Probability, Algebra, Number, Data and Geometry. A supportive approach from staff allows students to build on their KS2 knowledge from primary school, identifying areas to work on and deepening thinking and understanding in all areas of Mathematics, providing a broad understanding of the subject and its many applications.
Years 10 & 11	In KS4 Mathematics, we aim to consolidate and build upon the core skills that pupils learn in KS3. The curriculum is broken down into Number, Algebra, Geometry and Statistics, however, commonly solving questions will require using a combination of skills from more than one of these areas. Fluency in the topics previously covered will help pupils develop and improve their problem solving skills, which has become an integral part of the new curriculum. We encourage pupils to regularly practice on Hegarty Maths as this helps them become independent and successful Mathematicians. For more detailed information, please refer to the school prospectus.