

Maths

Key stage 3

Mathematics at All Saint's begins by developing the basic numeracy skills students learn in key stage 2 and utilising and adapting this knowledge base through the core strands of mathematics: Number; Algebra; Shape, Space and Measure; Ratio and Proportion and Statistics. Students can be expected to build on knowledge from each of these core strands each half term. Additionally, students in year 7, and students in the Y stream of year 8 will have one lesson a week that is dedicated to improving numeracy and problem solving skills.

Students in year 7 and 8 have access to SparX homework. This is a cutting-edge technology that adapts the homework to suit the student so each homework is 100% personalised. Students will have compulsory, optional and target homework which increase in difficulty respectively. To ensure maximum progress for your child we would like you to encourage them to complete all three parts to their homework. The homework is completely student led as there are helpful videos available for every question.

Students will receive personalised feedback from their teacher in the form of conversations and dedicated improvement time.

Students will have pre-tests at the beginning of every half term and post-tests at the end. This is to ensure that your child is getting bespoke planned lessons in accordance to prior knowledge.

Keen mathematicians will also have the opportunity to complete the Junior Maths Challenge and attend classes at Exeter Mathematics School and Plymouth University.

Key Stage 4

Mathematics at all saint's in Key Stage 4 is based around ensuring students are not only ready to tackle their GCSE examination but also develop a keen interest in maths to be able to take it further in their education if they so wish. Students will be taught according to their tier (Higher or Foundation) and will cover all of the topics from the core strands of mathematics: Number; Algebra; Shape, Space and Measure; Ratio and Proportion and Statistics. They will be exposed to problem solving which may involve deciphering the maths from a worded question or combining two or more topics that they have previously learned.

Students will have regular homework set on Hegarty Maths, a brilliant resource to encourage complete independence with your child's maths learning. They will have access to every topic in the curriculum so can work through at their pace.

Students will receive personalised feedback from their teacher in the form of conversations and dedicated improvement time.

Students will have pre-tests at the beginning of every half term and post-tests at the end. This is to ensure that your child is getting bespoke planned lessons in accordance to prior knowledge.

Keen mathematicians will also have the opportunity to complete the Junior Maths Challenge and attend classes at Exeter Mathematics School and Plymouth University.