



EDEXCEL GCSE Statistics and L2 Further Maths

Head of Department; Mrs Sian Streater

Overview of the subject	<p>GCSE statistics provides students with an extension to the collection and analysis of data that is used in GCSE Mathematics. We teach skills that are used in multiple A-Level subjects including Psychology, Geography and Biology amongst others.</p> <p>Further Mathematics provides students with an introduction to the mathematics that we study at A-Level. This is an excellent bridging course for students aiming to get the top grades at GCSE and move on to doing A-Level mathematics. Get ahead by looking at the most interesting aspects of A-Level mathematics before you even start it.</p>
Methods of Assessment:	<p>Assessment will be 100% exam.</p> <p>GCSE Statistics will be examined by two 90-minute papers and will be sat and awarded at the end of Year 10.</p> <p>Level 2 Further Mathematics will be examined by two 75-minute papers at the end of year 11.</p>
Key Content and Topics Covered	<p>GCSE Statistics expands on your knowledge of statistics in GCSE mathematics and puts this more into the real world. You will look at distributions seen in real life as well as problem solving and higher level statistical analysis.</p> <p>In Year 11 you will then look to extend your mathematical skills in algebra and get ahead to prepare for any mathematical based A-Level.</p>
Progression routes:	<p>For most doing this course the progression route will be A-Level math – the most popular A-Level in our school!</p> <p>Even if you do not think that A-Level maths is in your future this course will prepare you to thrive in statistical subjects such as Psychology, Geography and all of the Sciences.</p>
Why choose this subject	<p>Choose this subject if you like maths and are looking to continue it to A-Level. Doing this will give you a distinct advantage over all other A-Level students who do not have these qualifications.</p>
Course requirements	<p>To qualify for this option you must be in set 1 or 2 in Maths – ideally set 1.</p>
Student Testimonial	<p>“I have really enjoyed studying GCSE statistics. It has already meant that I did better in my MYE exams in Maths and I am looking forward to starting further maths next year.”</p>



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