

*What is Statistics?*

Statistics is a branch of Mathematics involved with the collection, presentation, and discussion of data. Statistics is important in everyday life as it is used to predict trends in the future across several disciplines, as well as helping people make informed decisions.

*What is Further Mathematics?*

Further Mathematics builds upon skills covered in GCSE Mathematics and offers the opportunity to stretch and challenge even the most able mathematician. By emphasising higher order technical proficiency and problem-solving skills, Further Mathematics prepares students who wish to pursue Mathematics at A-Level and beyond.

*Why should my son/daughter consider taking Statistics & Further Mathematics?*

This course is recommended for anyone who has an enthusiasm and interest in developing their mathematical knowledge further. It is particularly valuable for those who wish to study Mathematics at A-level as it will give a very thorough grounding in the fundamentals of the A-level course. Further Mathematics is inherently designed to not only cover new concepts not taught in GCSE Mathematics, but it also explores existing concepts in greater depth whereas Statistics gives a wider appreciation of how to apply Mathematics in context. Anyone who is considering a future career in any STEM (Science, Technology, Engineering, and Mathematics) subject will greatly benefit from this course.

*Will doing Statistics & Further Mathematics help my son/daughter in GCSE Mathematics?*

While some topics overlap between GCSE Statistics and GCSE Mathematics, and students do cite that doing GCSE Statistics has helped with GCSE Mathematics, the two courses are independent. However, Further Mathematics does cover/rely on some aspects of GCSE Mathematics, so taking this course is likely to reinforce the overlapping content.

*Can my son/daughter be taught only the Further Mathematics course?*

We only teach Further Mathematics combined with Statistics.

*What exam boards does the course use?*

Statistics: The exam board is Edexcel, with a course code of 1St0.

Further Mathematics: The exam board is AQA, with a course code of 8365.

*How are students assessed in the course?*

Students have a test at the end of each section of the course which is assessed internally. They also have a mock exam in Year 11, covering elements of both Statistics and Further Mathematics. At the end of the course, students are externally assessed and they sit a total of four exams: for Statistics, two GCSE exams lasting 1hr 30 mins each, and for Further Mathematics, two Level 2 exams lasting 1hr 45mins each. The papers have a mix of all the content covered in the course. Students do not have any coursework in either qualification.

*Do you enter students into Foundation or Higher tier?*

All Statistics students are entered into the Higher tier. There is no tier system for Further Mathematics.