Further Mathematics and GCSE Statistics

|  |  |
| --- | --- |
| **Methods of Assessment:** | Assessment will be 100% exam.  GCSE Statistics will be examined by two 90-minute papers and will be sat and awarded at the end of Year 10.  Level 2 Further Mathematics will be examined by two x 75-minute papers at the end of year 11.  Specification |
| **Course Outline:** | 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.  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.  You will be taught about issues such as:  High level reasoning  Problem Solving  Statistical Analysis  Proof |
| **Progression routes:** | This course is only suitable for students in Set 1 or 2 in Maths.  Any A-Level that requires statistics or mathematics is a progression route from here. This course is ideal for those who want to do A-level mathematics or any A-Level which has an element of mathematics within such as:  A Level:  Biology  Chemistry  Physics  Psychology  Geography |
| **How you will learn** | You will learn in an environment where everyone wants to extend their knowledge further than just the GCSE in maths. Mini whiteboards will be used in every lesson as well as a lot of collaborative problem solving. |
|  | |