

Curriculum Intent

In GCSE Statistics we aim to develop the analytical and enquiring minds of our students, as well as providing an insight into the crucial role of statistics in the modern world. Students will learn about the reliability of the sources of information in today's society; how manufacturers use Quality Assurance to comply with regulations; how new medicines are trialled and how reliable the results of those trials are; key economic indicators such as Retail Price Index and Consumer Price Index and how these impact on their everyday lives. Statistics students also learn how and why the government uses complex calculations like standardised birth, death and unemployment rates. Additionally, several units of the two-year course will broaden, deepen and support students' statistical knowledge in their compulsory Mathematics GCSE. Throughout the two-year course, students will be required to consider "the bigger picture" as they examine the role of statistics in industry and economics to gain skills they can transfer to a wide range of disciplines and careers.