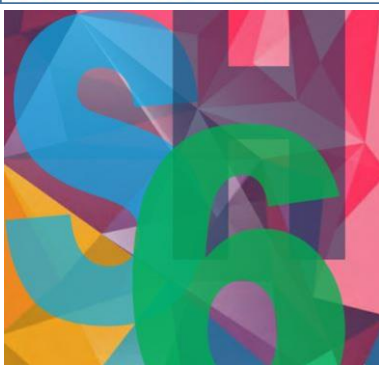




# Core Maths (AQA level 3 certificate)

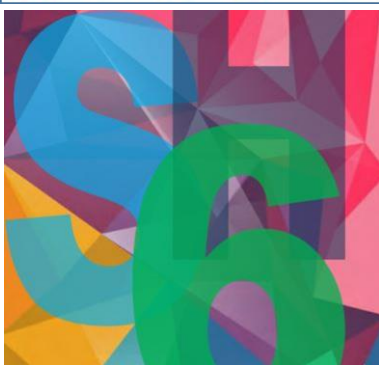
# Minimum entry requirements

- Grade 5 or above in GCSE Maths.
- Core Maths is for students who have passed GCSE Mathematics, but have decided not to study A Level Mathematics. It builds upon and strengthens existing skills and focuses on using and applying mathematics to solve problems relevant to their everyday lives. If students decide to stay for an extra lesson, they have the opportunity to gain the level 3, AS level equivalent qualification.



# What will I study?

- The course builds on GCSE Mathematics with a focus on statistics, algebra, probability, estimation, advanced calculations, modelling and financial mathematics. It is designed to develop students' mathematical thinking and problem-solving skills. Students learn through using and applying mathematics to solve meaningful and 'real life' problems, including situations in business, personal finance and local and global issues.

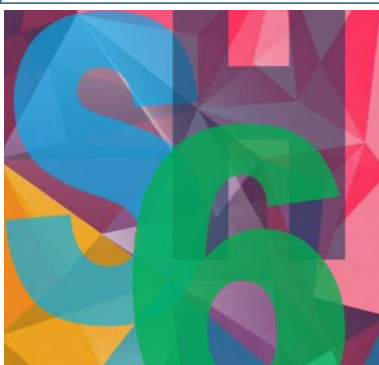


# How will I be assessed?

- *Option to sit 2 exam papers:*

**Paper 1 Analysis of data, Maths for personal finance, estimation-** 60 marks, 1 hour 30 minutes (50%)

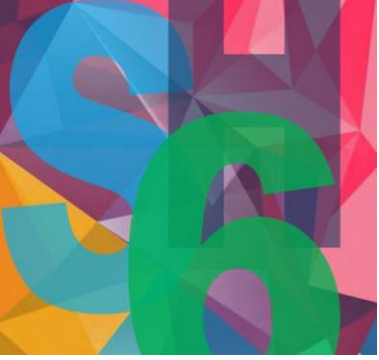
**Paper 2 Graphical techniques-** 60 marks, 1 hour 30 minutes (50%)





# Who teaches this subject?

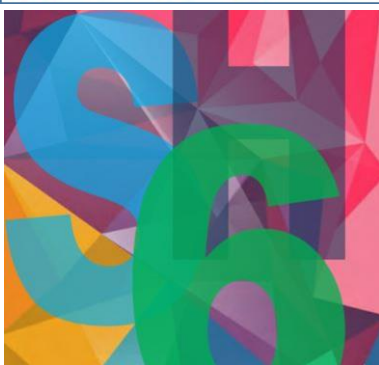
- Mrs Ridley- Chemical and biological engineering degree (Bath)





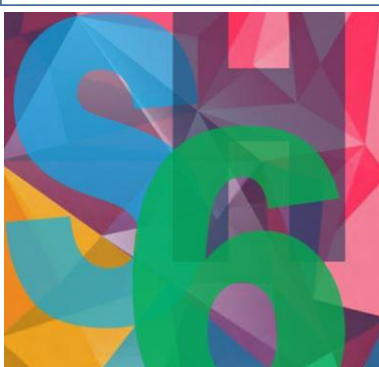
# Why should I take this subject?

- This course has been designed to fill in the mathematical gap for students not taking A-Level mathematics. In particular, it is beneficial for students who need significant numerical and analytical skills to support their other subjects. This course will support subjects including Psychology, Sociology, Science and Geography.
- More than twenty leading universities have endorsed the Core Maths qualification since it equips students with the mathematics skills that are required for many degree courses from: humanities to social sciences.
- School and College leavers who attain the Core Maths qualification will automatically be in a position to apply the enhanced practical maths skills they've learnt in an array of business and financial contexts.
- Core Maths has received wide endorsement and recognition from employers such as Nestlé, Barclays, CrossRail, McDonalds, the British Chambers of Commerce and many others.



# Where can this subject take me?

- Only 20% of students study mathematics beyond GCSE in the UK. Those who have continued their mathematical studies post-16 are in high demand. Employers and further education providers want individuals with good, current numeracy skills. Those who haven't can be disadvantaged in the global market. Studying Core Mathematics offers the development of skills that are directly useful to the students future life and that of their employer. Core Mathematics covers many business related skills, including data analysis and financial planning and the use of technology. In addition, the course develops the confidence in students to tackle and solve problems in their everyday lives.



# What does a typical lesson look like?

- A typical Core Maths lesson will start by recapping prior knowledge from GCSE.
- Examples will then be modelled in detail by the teacher and there will be a chance to check your understanding and ask any questions following this.
- Practice is often a mixture of questions from the AQA exam board text book, past exam questions and problem solving.
- Answers will always be given in class and there will be the opportunity to ask for further clarification.
- Homework is set weekly and will be consolidation of the topics taught that week in class.

