

Course teachers

- Ms R Rose, Ms Elliott-Waldron & Mr D Facey

Exam board: Edexcel (www.edexcel.com)

Assessment Scheme

The course is assessed through two examinations at the end of Year 12:

- Paper 1: Comprehension

40% of the qualification

- Paper 2: Applications

60% of the qualification

Both Assessments have a written examination paper with two sections, A and B, and a source booklet. They are also both 1 hr 40mins long.

Course expectations

- Complete a **minimum** of 4 hours independent study per week (see middle pages).
- Be resilient. Don't give up. Make the effort that is required to be successful.
- Ask for help. Find your teachers outside lessons and arrange one-to-one sessions as needed.
- Follow our advice...we know what it takes for you to succeed!

Shoeburyness High School

Sixth Form

Start of Course Information

Core Maths

One Year Course

This course is a fantastic opportunity to develop your mathematical aptitude with a variety of new skills and formulae. They will be applied to real-world data to give you an insight into the variety of careers and fields that process information with mathematical analysis.

The mathematical content is an overlap of GCSE Higher-tier topics as well as select A-Level topics. It is not necessary to have seen the higher tier content in advance, as it will be revisited before each chapter.

Successful students will develop a strong foundation of more advanced mathematical skills that could be applied to a limitless number of careers and open up a world of opportunities.

Shoeburyness High School Sixth Form September 2020

<p><u>Review the week's class notes</u></p> <ul style="list-style-type: none"> • All notes and examples given in the lesson should be recorded in a separate note book. • These notes should be reproduced into concise revision cards / notes for the end-of-year exams. • Any helpful hints and tips as well as solutions to questions with which you needed help should be included in your notes. • Have these with you when you are working independently. 	<p>A-Level Core Mathematicians :</p> <p>You must complete a minimum of 4 hours of independent study per week!</p>	<p><u>Read the text book/revision guide/webpages</u></p> <ul style="list-style-type: none"> • 'Maths in Context' workbook that we have in class. • Mathswatch accounts created for revision of GCSE-level topics • All topics should be searchable via the internet, although the depth of content may not be completely necessary for what is required in the course. Speak to your teacher to recommend specific webpages.
<p><u>Learn everything!</u></p> <ul style="list-style-type: none"> • All methods and formulae must be learnt, regardless of whether they appear in the formula book. You need to be able to apply the formula correctly, i.e. know how to key it into your calculator with no mistakes. • The best way to learn maths is to do it! You must do every question that is set. 	<p><u>Complete past paper questions</u></p> <ul style="list-style-type: none"> • These will be addressed once the textbook content has been reviewed. • You will be given past paper and exam-style questions. It is essential that you ask about any you struggle with, regardless of whether you are able to work it out with help from the mark scheme/peers. 	<p><u>Read around the subject</u></p> <ul style="list-style-type: none"> • It is helpful to research topics you find difficult, but it is vital that you ask for further explanation from your teachers. They can identify exactly where your stumbling blocks are and give you the personal support you need. Full understanding will enable you to transfer skills and knowledge to other complex questions better than looking at the answers and saying "I think I see"