

Home Study & Independent Learning Parental Support Information

This document is designed to support the parents to help their child, it is not intended to detail Assessment Criteria from a specification etc... It is simply an overview of content and the skills and resources that parents and students need to be successful in this year and subject.

Course information

Year: 12 Subject: Core Maths.

Subject	Core Maths (Mathematical Studies)	Subject leader contact information	Ms Beth Williamson
Examination Board	AQA	Specification Code	1350 2A

Subject Content

Core Maths consists of 2 external examinations.

Paper 1 contains questions on

- 3.1 Analysis of data
- 3.2 Maths for personal finance
- 3.3 Estimation

Paper 2 contains questions on

- 3.4 Critical analysis of given data and models
- 3.5 The normal distribution
- 3.6 Probabilities and estimation
- 3.7 Correlation and regression

Students will also be expected to draw on the mathematical content of paper 1.

Copies of Preliminary Material will be available in advance

Additional Equipment Needed (Ingredients, headphones, PE kit, etc.)

What else could parents/carers buy?

- CASIO FX-83GTX Scientific Calculator

Assessment Details:

Core Maths is designed to be studied over 1 year with all assessments at the end of the course.

Preliminary material is made available from 1st March to help students prepare for the exam.

To be successful students will need to be able to:

- *be organised and self motivated*
- *be hardworking*
- *represent situations mathematically and understand the relationship between problems in context and mathematical models that may be applied to solve them*
- *use technology, such as calculators and computers, effectively and recognise when it may be inappropriate to use them*
- *make deductions and inferences and draw conclusions by using mathematical reasoning*
- *be able to link ideas and concepts to tackle more complex problems*
- *be good at problem solving*

What can I do to support my child at home?

Specific advice for parents... what can they do to help us?

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Encourage and support your child to prepare for external and external exams. Support them by providing an environment that they can work successfully in.

Help them to be organised and meet deadlines.

Encourage an interest in the subject in the wider world. How can maths help them outside school?

Recommended resources for the course:

What can the parents purchase/find to help their child?

Websites:

<https://integralmaths.org/>

<https://www.mathsgenie.co.uk/>

<https://www.mymaths.co.uk/>

<https://www.aqa.org.uk/subjects/mathematics/aqa-certificate/mathematical-studies-1350>

Books:

AQA Mathematical Studies Workbook (ISBN: 978- 0198417095)

Teaching Staff Contact Details

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