

**Course information for Parents****Year: 9-11 Subject: Higher GCSE Mathematics**

<b>Faculty Area</b>	Mathematics	<b>Director of Faculty contact information</b>	Mr M Sheppee msheppee@thehazeleyacademy.com
<b>Examination Board</b>	Edexcel	<b>Specification Code</b>	1MA1

**Subject Content**

Students will be developing their skills in:

- Number
- Algebra
- Ratio, Proportion and rates of change
- Geometry and Measures
- Probability
- Statistics

Students will be learning to apply these skills to a wide range of problems.

**Additional Equipment Needed**

- Casio scientific calculator (fx-83GT PLUS)
- Maths set including 30cm ruler, protractor, pair of compasses

All equipment is available to purchase at the school finance office or alternatively at supermarkets and stationery shops.

**Assessment Details:**

Students will sit three 90-minute exams at the end of the course. One of these will be non-calculator, the other two will be calculator papers. Students will have the opportunity to practise working with similar papers every half term and during their PPE exams.

**To be successful students will need to be able to:**

- Recall mathematical knowledge (eg be able to find a missing side in a right angled triangle using Pythagoras' Theorem)
- Select appropriate technique from available skills (eg know how to find the length of a diagonal in a rectangle)
- Apply mathematical skills to new situations (eg be able to make judgements about the heights of buildings based on available knowledge)

**What can I do to support my child at home?**

- Practise mental arithmetic regularly (times tables and division facts)
- Encourage effective use of diagnostics sheets following tests
- Provide access to a computer or tablet for online revision

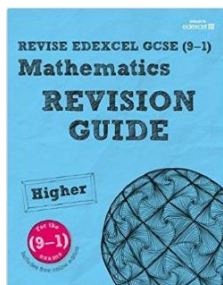
## Recommended resources for the course:

**Websites:**

[www.hegartymaths.com](http://www.hegartymaths.com)

<http://mathsapp.pixl.org.uk/>

**Books:** Pearson Revision Guide [ISBN: 978-1447988090]



### Teaching Staff Contact Details

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**Additional Information:**

There is no coursework element to the course and assessment is by examination only.