

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

Faculty Area	Mathematics	Director of Faculty contact information	Mr M Sheppee msheppee@thehazeleyacademy.com
Examination Board	OCR	Specification Code	J560

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

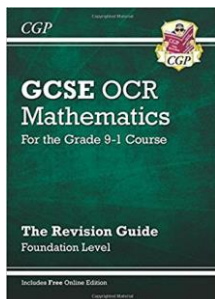
Recommended resources for the course:

Websites:

www.hegartymaths.com

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

Books: CGP Revision Guide [ISBN: 978-1782943754]



Teaching Staff Contact Details

Name	Role	Email	Tel
Mr M Sheppee	Head of Department	msheppee@thehazeleyacademy.com	01908 555620

Additional Information:

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