

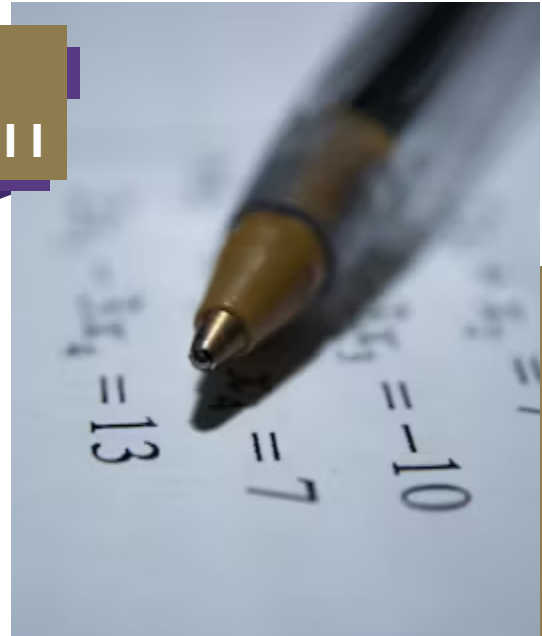
MATHEMATICS

KS4 (Edexcel GCSE (9-1) Mathematics)

Curriculum Purpose

Students study the Pearson Edexcel Level 1/Level 2 GCSE (9-1) in Mathematics (IMA1) specification, and they have eight periods of Mathematics a fortnight. The qualification provides evidence of students' achievements against demanding and fulfilling content, to give students the confidence that the mathematical skills, knowledge and understanding that they will have acquired during the course of their study are as good as that of the highest performing jurisdictions in the world. It provides a strong foundation for further academic and vocational study and for employment, to give students the appropriate mathematical skills, knowledge and understanding to help them progress to a full range of courses in further and higher education. This includes Level 3 mathematics courses as well as Level 3 and undergraduate courses in other disciplines such as biology, geography and psychology, where the understanding and application of mathematics is crucial.

YR11



Curriculum Topics

- Gradients and Lines
- Non-Linear Graphs
- Using Graphs
- Expanding and Factorising
- Changing the Subject
- Functions
- Multiplicative Reasoning
- Geometric Reasoning
- Algebraic Reasoning
- Transforming and Constructing
- Listing and Describing
- Show that ...
- Revision and Examinations



Specification link

<https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/specification-and-sample-assesment/gcse-maths-2015-specification.pdf>



When and how assessment of learning will happen

Mock examinations - three sets

The final exams/ assessment:

External examinations

Home Learning Expectations

Regular use of:

- www.methodmaths.com

Useful Information

- Individual Google classrooms
- Revision guides and workbooks available to purchase
- www.methodmaths.com

