

GCSE Maths

Course Specifications

Course Title: GCSE Mathematics

Exam Board: Edexcel

Link to specification: <https://qualifications.pearson.com/en/qualifications/edexcel-gcses/mathematics-2015.html>

Grading: 9-1

Course Details

What will you learn?

Year 10

Autumn

Higher	Foundation
Unit 1 Number	Unit 1 Number
Unit 2 Algebra	Unit 2 Algebra
Unit 3 Statistics	Unit 3 Graphs Tables
Unit 4 Fractions	Unit 4 Fractions and Percentages
Unit 5 Angles and Trigonometry	Unit 6 Angles
Unit 10 Probability	Unit 13 Probability

Spring

Higher	Foundation
Unit 6- Graphs	Unit 9- Graphs
Unit 7- Area and Volume	Unit 8- Perimeter, Area and Volume I
Unit 9 - Equations and Inequalities	Unit 5- Equations, Inequality and Sequences
Unit 8- Transformations and constructions	Unit 10- Transformation

Summer

Higher	Foundation
U12- Similarity and Congruence	U7- Averages and Range

Year 11**Autumn**

Higher	Foundation
U11 – Multiplicative Reasoning	U11- Ratio and Proportion
U13 More Trigonometry (ONLY 13.1,13.5.13.6,13.7)	U12 Right Angled Triangles
U14 Further Statistics	U17 Area Perimeter and Volume II
U15 Equations and Graphs	U18 Fractions, Indices and Standard Form

Spring

Higher	Foundation
U16 Circle Theorems	U14 Multiplicative Reasoning
U17 More Algebra	U15 Constructions, Loci and Bearings
U18 Vectors and Proof	U16 Quadratic Equations and Graphs
U19 Proportion and Graphs (including 13.2, 13.3, 13.4, 13.8 and 13.9)	U19 Congruency, Similarity and Vectors
	U20 More Algebra

How will you be assessed?**During the course:****Year 10:** End of unit tests, Mid-Year Exams, End of Year Exams**Year 11:** End of unit tests, PPE 1 & 2, GCSEs**At the end of the course:****Your final grade will be awarded based on the following examinations****Paper 1:** Non-Calculator**Paper 2:** Calculator**Paper 3:** Calculator

each lasting 90 minutes and worth 80 marks

What independent work can you do?
Learn:
Glossary of Key Terms: GCSE Maths Glossary - Save My Exams Command words with examples: MATHS - Google Drive
RAG and Revisit:
PLCs will be given throughout the year
Explore:
Pearson GCSE 9-1 Maths (Higher and Foundation)
Revise:
VIPZONE: Year 11 - Google Drive
Prepare:
https://www.mathsgenie.co.uk/ https://www.physicsandmathstutor.com/past-papers/gcse-maths/ VIPZONE- MATHS - Google Drive

Which resources should you use?
Textbooks, websites, online resources
Pearson GCSE 9-1 Maths (Higher and Foundation) Sparx Maths Mathswatch DrFrostMaths TGMT CGP Edexcel Workbooks OnMaths Maths Genie Corbett Maths