

GCSE Mathematics

Subject Title	Mathematics
Exam board	Edexcel
Specification code	1MA1
Entry Level	Foundation and Higher tiers.
Exam details	3 Papers in total (all in Yr 11): Paper 1 – non-calculator Papers 2 & 3 – calculator Duration: 1 hr 30 min each paper
Setting arrangements	Two parallel sides of the year. Five or Six sets on each side. Sets 1-3 take Higher tier. Sets 4-6 take Foundation tier.
Time allowed	8 lessons per fortnight in Yr 10, 10 lessons per fortnight in Yr 11.
Textbooks and revision guides	Textbook - Collins Edexcel Foundation - ISBN: 9780008113827 Higher – ISBN: 9780008113810 Revision guide – Collins All-in-one Higher ISBN:9780008110369 Foundation ISBN:9780008112493
Homework information	40-60 minutes per week Consolidation exercises and revision material.
Links to websites and revision materials:	Edexcel specification Sparx Maths GCSE Maths Takeaway - MathedUp!

GCSE Mathematics – Year 10 2023-24

Term	Topics	Skills	Assessment
Yr 10 1	Developing algebra	Representing solutions of equations and inequalities Simultaneous equations	Chapter test.
2	Similarity	Congruence Similarity Enlargements Trigonometry	Chapter test
3	Geometry	Angles and Bearings Working with Circles Vectors	Standardised assessment for whole year. Chapter test.
4	Proportions & proportional change	Ratios and fractions Percentages and interest Probability	Chapter test.
5	Delving into data	Collecting, representing and interpreting data	Chapter test. Standardised assessment for whole year
6	Using number	Non-calculator methods Types of number and sequences	Chapter test.

GCSE Mathematics – Year 11 2023-24

Term	Topics	Skills	Assessment
Yr 11 1	Graphs	Gradients and lines Non-linear graphs Using real-life graphs	Chapter Test
2	Algebra	Expanding and Factorising Changing the subject Functions	Standardised assessment for whole year.
3	Reasoning	Multiplicative reasoning Geometric reasoning Algebraic reasoning	Mocks
4	Revision	Show that questions Describe questions	Regular practice papers