

Maths

Scheme of Work – Year 10



			Year 10 Higher			
Week	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer2
1	Number 1 Whole Numbers, Decimals and Fractions, Prime Factor Trees, Surds and Rationalise the Denominator	Geometry 6 Pythagoras and Trigonometry Sine/Cosine Rule Trigonometric Graphs Functions	Algebra 3 Solving, Equations, Algebraic Fractions/Equations and Re-arranging, Inequalities	Geometry 1 Parallel Lines and Polygons, Circle Theorems	Statistics 1 Probability Tree Diagrams	Revision
2						Mock Exams
3						
4	Statistics 2 (not completing Pre Test) Cumulative Frequency, Box Plots and Histograms		Algebra 5 Simultaneous Equations/Quadratics	Assessment and Review	Number 4 Ratio and Proportion Direct and Inverse Proportion	QLA and re-visit topics (Trip 1st July)
5						
6	Number 3 Percentages, Reverse, Compound, Change		Number 2 Indices and Standard Form			
7		Assessment and Review				
8						

[illegible]

Exam Board

Edexcel	Paper 1 – Non-Calculator (80 marks)
	Paper 2 – Calculator (80 marks)
	Paper 3 – Calculator (80 marks)

Homework



All homework is set on **Sparx Maths**. New tasks are released every Wednesday and are personalised to each pupil, based on both their prior learning and their current classwork. Pupils log in using the same username and password they use to access school computers.

Useful websites

[Maths Genie • Learn GCSE Maths for Free](#)

[Corbettmaths – Videos, worksheets, 5-a-day and much more](#)

[Hannah Kettle Maths | Achieve More, Join Now](#)

www.1stclassmaths.com

Assessments- Year 10

Pupils will complete a series of exam papers throughout Year 10 to develop the skills and confidence required for their final assessments in Year 11.