Maths Year 9

Term	Units In Key Stage 3, students study one unit each half term. Units are taught within a context related to everyday life	Assessment These take place towards the end of each half term. Marks are recorded on Go4Schools
	Year 9	
Autumn	**Maths in Finance** (Number) Students apply proportional reasoning in the context of personal finance.	**Maths in Finance** Classroom based assessment (1 hour)
	Maths in the World (Algebra / Graphs) Students use graphs to model real life problems and develop their understanding of graphs and equations.	**Maths in the World** Classroom based assessment (1 hour)
Spring	**Maths in Manufacture** (Equations and Geometry) Students develop further techniques in algebra and solve geometry problems involving linear, simultaneous linear and quadratic equations.	**Maths in Manufacture** Classroom based assessment (1 hour)
	Maths in Property Development (Geometry and Trigonometry) Students apply scale drawing, Pythagoras theorem and trigonometry to solve problems.	**Maths in Property** Classroom based assessment (1 hour)
Summer	**Maths in Graphic Design** (Transformations) Students study the mathematics of design and apply techniques of transforming shapes.	
	Maths in Networks (Loci and Construction) Students learn construction techniques and solve loci problems.	**End of Year Examination** Formal Assessment in exam halls.