



Year 11 Six Week Plan

Subject: Mathematics Higher Set 11Y2

	Key areas of focus in lessons.	Key areas of focus in Academic Enrichment.	Key areas of focus for homework. Retrieval topics to be covered	Key areas of focus for independent learning.
1 W/C 15/09	Circle theorems Applying circle theorems	Maths Maximisers Grade 5/6/7/8 -revision/retrieval questions	Expanding Triple brackets Changing the subject Factorising Quadratic equations Quadratic Formula Completing the square	Mathswatch Circle Theorems - Watch videos and complete question bank on Maths watch
2 W/C 22/09	Algebraic fractions Simplifying algebraic fractions Solving algebraic fraction equations Assessment 1 – 45 minute in class assessment	Maths Maximisers Grade 5/6/7/8 -revision/retrieval questions	Percentage Change Reverse percentages Compound Growth & Decay	Mathswatch Algebraic Fractions - Watch videos and complete question bank on Maths watch
3 W/C 27/09	Functions	Maths Maximisers Grade 5/6/7/8 -revision/retrieval questions	Scatter graphs Cumulative Frequency Box Plots	Mathswatch Circle Functions. - Watch videos and complete question bank on Maths watch
4 W/C 6/10	Transformations Enlargement by a negative scale factor Similar figures Assessment 2 – 45 minute in class assessment	Maths Maximisers Grade 5/6/7/8 - revision/retrieval questions	Transformations Enlargement by a negative scale factor Similar figures	Mathswatch Circle Vectors - Watch videos and complete question bank on Maths watch
5 W/C 13/10	Histograms	Maths Maximisers Grade 5/6/7/8 -revision/retrieval questions	Surds - simplifying Rationalising the denominator Quadratic Sequences	Mathswatch Non-linear graphs. - Watch videos and complete question bank on Maths watch
6 W/C 20/10	Simultaneous Equations Recognise Graphs Equation of a line Assessment 3 – 45 minute in class assessment	Maths Maximisers Grade 6/7/8/9 - revision/retrieval questions	Indices – negative and fractional Standard Form Error intervals	Mathswatch Circle Transformation of Graphs - Watch videos and complete question bank on Maths watch