



# Year 11 Six Week Plan

## Subject: Mathematics 11Y1

	Key areas of focus in lessons.	Key areas of focus in Academic Enrichment.	Key areas of focus for homework.	Key areas of focus for independent learning.
1 W/C 15/09	Quadratic equations, simultaneous equations.	Maths Maximisers Grade 5/6/7/8 -revision/retrieval questions  ERROR INTERVALS	Expanding Triple brackets Changing the subject Factorising Quadratic equations Quadratic Formula Completing the square	Mathswatch Error intervals - Watch videos and complete question bank on Maths watch
2 W/C 22/09	Simultaneous equations graphically, linear and quadratic simultaneous equations, solving by substitution <b>Assessment 1</b> – 45 minute in class assessment	Maths Maximisers Grade 5/6/7/8 -revision/retrieval questions  INEQUALITIES	Percentage Change Reverse percentages Compound Growth & Decay	Mathswatch Inequalities - Watch videos and complete question bank on Maths watch
3 W/C 27/09	Probability and combinations	Maths Maximisers Grade 5/6/7/8 -revision/retrieval questions CONVERTING UNITS – VOLUME-AREA-LENGTH	Scatter graphs Cumulative Frequency Box Plots Histograms	Mathswatch Factorising and solving - Watch videos and complete question bank on Maths watch
4 W/C 6/10	Speed, distance, time Pressure Density <b>Assessment 2</b> – 45 minute in class assessment	Maths Maximisers Grade 5/6/7/8 - revision/retrieval questions FACTORISING/SOLVING	Transformations Enlargement by a negative scale factor Similar figures	Mathswatch Converting units - Watch videos and complete question bank on Maths watch
5 W/C 13/10	Ratio and proportion	Maths Maximisers Grade 6/7/8/9 -revision/retrieval questions GRAPHS	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	Congruence and proof <b>Assessment 3</b> – 45 minute in class assessment	Maths Maximisers Grade 6/7/8/9 - revision/retrieval questions PROPORTION	Indices – negative and fractional Standard Form Error intervals	Mathswatch Proportion - Watch videos and complete question bank on Maths watch