Long Term Plan:Maths Year 8

	W/C 10/09	W/C 17/09	W/C 24/09	W/C 01/10	W/C 08/10	W/C 15/10	W/C 29/10	W/C 05/11	W/C 12/11	W/C 19/11	W/C 26/11	W/C 03/12	W/C 10/12	W/C 17/12
Term 1	**Number**	**Number**	**Number**	**Number and Data**	**Number and Data**	**Number and Data**	**Algebra**	**Algebra**	**Algebra**	**Algebra**	**Algebra**	**Algebra**	**Algebra**	**Algebra**
	4 operations with integers 4 operations with decimals	4 operations with negative numbers BIDMAS 4 operations with negative numbers BIDMAS	Place value and rounding Integer Powers and Roots	Averages Averages from grouped Data Problem Solving Averages from grouped Data	Assessment week	Feed forward	Algebra – collecting like terms Algebra – expanding brackets	Algebra-factorising	Algebra-substitution Co-ordinates	Linear graphs and y=mx+c	Linear graphs and y=mx+c	Angles – drawing, measuring and finding	Assessment week	Feed forward

	W/C 31/12	W/C 07/01	W/C 14/01	W/C 21/01	W/C 28/01	W/C 04/02	W/C 11/02	W/C 25/02	W/C 04/03	W/C 11/03	W/C 18/03	W/C 25/03	W/C 01/04	W/C 08/04
Term 2	**Number and Data**	**Number and Data**	**Number and Data**	**Number and Data**	**Number and Data**	**Number and Data**	**Number/Ratio/Probability**	**Number/Ratio/Probability**	**Number/Ratio/Probability**	**Number/Ratio/Probability**	**Number/Ratio/Probability**	**Number/Ratio/Probability**	**Number/Ratio/Probability**	**Number/Ratio/Probability**
	Decimals (rounding, ordering, converting to fractions etc) Fractions (all operations) Percentages	Surds – simplifying and rationalising the denominator	Representing and Interpreting data: -tables -timetables -graphs -pictograms -pie charts -frequency tables -scatter graphs -histograms	Representing and Interpreting data: -tables -timetables -graphs -pictograms -pie charts -frequency tables -scatter graphs -histograms	Assessment week	Feed forward	Factors and multiples	Factors and multiples	Ratio	Ratio	Probability	Probability	Assessment week	Feed forward

	W/C 29/04	W/C 06/05	W/C 13/05	W/C 20/05	W/C 03/06	W/C 10/06	W/C 17/06	W/C 24/06	W/C 01/07	W/C 08/07	W/C 15/07			
Term 3	**Algebra/Area/Measure**	**Algebra/Area/Measure**	**Algebra/Area/Measure**	**Algebra/Area/Measure**	**Algebra/Area/Measure**	**Algebra/Area/Measure**	**Sequences/Trig/scale**	**Sequences/Trig/scale**	**Sequences/Trig/scale**	**Revision**				
	Algebra (solving equations, formulas)	Algebra (solving equations, formulas)	Area, Perimeter and volume	Proportions, Units, and Measures.	Assessment week	Feed forward	Algebra (sequences)	Transformations, ConstructionScale drawings, units, bearings and estimation	Pythagoras and trigonometry	End of Year Exam	Feed forward			

For information on assessments see aditional assessment guidance