



Year 7 Curriculum Overview

****Note: Objectives in blue are additional higher content for extension****

Home Learning is completed using [Hegarty Maths](#). A Home Support guide can be found [here](#).



Half Term 1		
Date	Curriculum Overview	Home Learning Hegarty Maths Video and Quiz Numbers
WC 06/09	Sequences - Describe and continue sequences in diagram and number forms, both linear and non-linear	196 – Linear sequences from pictures 197 – Linear sequences (term to term rule)
WC 13/09	Understanding and using algebraic notation - Using single function machines and series or two function machines with numbers, bar models and letters - Forming and substituting into expressions, including generating sequences. - Representing functions graphically	151 – Writing algebraic expressions 1 152 – Writing algebraic expressions 2 153 – Writing algebraic expressions 3 (in context)
WC 20/09		154 – Expressions, equations, identities & formulae 155 – Writing formula & simple substitution
WC 27/09		780 – Substitution (1) 781 – Substitution (2) 782 – Substitution (3) 783 – Substitution (4)
WC 4/10		784 – Substitution (5) 785 – Substitution (6) 786 – Substitution (7)
WC 11/10	Equality and equivalence - Understanding equality and fact families - Forming and solving one-step equations	176 – Forming equations 177 – Solve equations using inverse operations
Half Term 2		
Date	Curriculum Overview	Home Learning Hegarty Maths Video and Quiz Numbers
WC 1/11	Equality and equivalence ...continued - Understanding equality and fact families - Forming and solving one-step equations	178 – Solve 1-step equations (balance method) 156 – Collecting like terms 1 157 – Collecting like terms 2
WC 08/11	Place value and ordering - Integer place value up to one billion - Decimal place value to hundredths - Working out and using number lines - Comparing and ordering numbers - The range and the median - Rounding to positive powers of ten and to one significant figure - Exploring and using standard form	13 – Read & write positive integers 14 – Compare positive integers 46 – Compare decimal numbers 37 – Compare negative numbers
WC 15/11		409 – Median 416 – Median from frequency tables 410 – Range 414 – Range from frequency tables
WC 22/11		17 – Rounding numbers to the nearest 10, 100, 1000 130 – Round to significant figures 122 – Ordinary to standard form
WC 29/11	Fraction, decimal and percentage equivalence - Representing tenths and hundredths on diagrams and number lines - Interchanging between fractions, decimals and percentages for multiples of tenths and quarters - Interpreting pies charts - Equivalent fractions - Converting between any fraction, decimal and percentage	58 – Fractions as pictures 81 – Percentages as pictures
WC 06/12		73 – Convert fractions to decimals 1 75 – Convert fractions to percentages 1 83 – Convert percentages to decimals
WC 13/12		427 – Pie Charts (1) 428 – Pie Charts (2) 59 – Generate equivalent fractions 149 – Conversions between FDP (summary)
Half Term 3		
Date	Curriculum Overview	Home Learning Hegarty Maths Video and Quiz Numbers
WC 04/01	-	
WC 10/01		
WC 17/01	-	
WC 23/01		

WC 31/01		
WC 07/02		
Half Term 4		
Date	Curriculum Overview	Home Learning Hegarty Maths Video and Quiz Numbers
WC 21/02	-	
WC 28/02		
WC 07/03		
WC 14/03	-	
WC 21/03		
WC 28/03		
Half Term 5		
Date	Curriculum Overview	Home Learning Hegarty Maths Video and Quiz Numbers
WC 19/04		
WC 26/04	-	
WC 02/05		
WC 09/05		
WC 16/05		
WC 23/05		
Half Term 6		
Date	Curriculum Overview	Home Learning Hegarty Maths Video and Quiz Numbers
WC 06/06	-	
WC 13/06		
WC 20/06	-	
WC 27/06		
WC 04/07	-	
WC 11/07		