



Welton Primary School

Overview of mathematics (KS2)

Year 4 Key Concepts - 2022/2023

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Autumn	Unit 1 Review of Column addition and subtraction			Unit 2 Numbers to 10,000				Unit 3 Perimeter		Unit 4 3, 6, 9 Times tables Number Facts				
Number Facts Fluency	Recap year 3 All multiplicative facts within 10, 2, 5 and 4 times tables				3 times table 4 new facts (3x3 6x3 7x3 9x3)			3 times tables plus all previous facts			6 times table 4 new facts (6x6 7x6 8x6, 9x6)		6 times tables plus all previous facts	
Spring	Unit 5 7 Times Tables and Patterns		Unit 6 Understanding and manipulating multiplicative relationships				Unit 7 Coordinates		Unit 8 Review of Fractions	Unit 9 Fractions greater than 1				
Number Facts Fluency	7 times tables 3 new facts (7x7, 8 x 7, 9 x 7)		8 times table 2 new facts (8x8 9x8)		All 8 times tables plus all previously learnt facts			9 times table 1 new facts (9x9)	All 9 times tables plus all previous learnt facts					
Summer	Unit 9 Fractions greater than 1		Unit 10 Symmetry in 2D shapes		Unit 11 Time	Unit 12 Division with Remainders								
Number Facts Fluency	7 times tables all facts now learnt	All times tables up to 9x9	11 times table up to 2x11 to 5x11	11 times table up to 6x11 to 12x11	12 times table up to 2x12 to 5x12	12 times table up to 6x12 to 12x12	Multiplication check			Review all times tables				

Cross Curricular Maths

<p>Year 4 <i>(Taught in Year 3 as part of Roman topic)</i></p>	<p>Statutory Guidance</p> <p>Read Roman Numerals to 100 (IC) and now that over time the numerals system changed to include the concept of 0 and place value</p>	<p>History</p>
	<p>Non-Statutory Guidance</p> <p>Roman Numerals should be put in their historical contexts so that pupils understand that there have been different ways to write whole numbers and that the important concepts of zero and place value were introduced over a period of time.</p>	<p>History</p>
<p>Year 4</p>	<p>Statutory Guidance</p> <p>Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs</p> <p>Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs</p>	<p>Geography</p> <p>Science</p>
<p>Year 4</p>	<p>Non-Statutory Guidance</p> <p>Pupils understand and use a greater range of scales in their representations.</p> <p>Pupils begin to relate the graphical representation of data to recording change over time.</p>	<p>Geography</p> <p>Science</p>