

Mathematics – Long Term Plan

Autumn Term

Week	1	2	3	4	5	6	7	8	9	10	11	
Year 1	Numbers up to 10			Addition and subtraction within 10			Recognising 2D and 3D shapes	Turns	Numbers up to 20	Addition and subtraction within 20		
Week	1	2	3	4	5	6	7	8	9	10	11	12
Year 2	Two-digit numbers		Two-digit addition and subtraction				Units of length		Introduction to graphs	Multiplication and division		2s, 3s, 5s and 10s
Week	1	2	3	4	5	6	7	8	9	10	11	
Year 3	Addition and subtraction within 100		Adding and subtracting money	Three-digit numbers		Using graphs	Three-digit addition and subtraction			Length and perimeter		
Week	1	2	3	4	5	6	7	8	9	10		
Year 4	Four digit numbers		Four-digit addition and subtraction			Short multiplication		Factor pairs	6s, 7s, 9s, 25s and 100s	Bar charts, pictograms, time graphs and tables		
Week	1	2	3	4	5	6	7	8	9	10		
Year 5	At least a million		Introduction to negative numbers	Addition and subtraction of numbers with more than 4 digits		Factors, multiples and prime numbers	Multiplication of two-digit numbers and short division		Converting metric and simple imperial units ----- Further converting between units of time	Perimeter and area	Exploring capacity and volume	
Week	1	2	3	4	5	6	7	8	9	10		
Year 6	Positive integers	10s, 100s, 1,000s... ----- Roman numerals to 1,000 (M)	Common factors and multiples	Long multiplication and short division		Addition and subtraction of numbers of any size	Calculations with four operations	Missing angles and lengths ----- Circles	Negative numbers ----- Classifying shapes	Coordinates, translation and reflection		

Spring Term

Year 1	Week	1	2	3	4	5	6	7	8	9	10			
		Introduction to time		Addition and subtraction within 20	Numbers up to 40 or 50		Addition and subtraction within 40 or 50		Introduction to halves and quarters	Introduction to length	Introduction to weight (or mass)			
Year 2	Week	1	2	3	4	5	6	7	8	9	10	11	12	13
		Telling the time		Two-digit addition and subtraction		Understanding pounds and pence		Shapes and patterns		Rotation	Introduction to fractions		Three-digit addition and subtraction	
Year 3	Week	1	2	3	4	5	6	7	8	9	10			
		3s, 4, 8s, 50s and 100s		Exploring multiplication and division			Analogue and digital time		Roman numerals on the clock	Introduction to comparing, ordering and equivalent fractions	Introduction to adding and subtracting fractions	Introduction to finding fractions of an amount		
Year 4	Week	1	2	3	4	5	6	7	8	9	10	11		
		6s, 7s, 9s, 25s and 1,000s	Common equivalent fractions	Add and subtract fractions with the same denominator	Fractions of an amount	Compare, order and simplify fractions	Converting between units of time	Introduction to decimals			Area by counting shapes	Perimeter of simple shapes		
Year 5	Week	1	2	3	4	5	6	7	8	9				
		Compare, order, and find equivalent fractions	Four operations with decimals	Drawing, measuring, comparing and finding angles		Introduction to adding and subtracting fractions with different denominators	Multiply proper fractions and mixed numbers by whole numbers Rates and scaling by fractions		Introduction to percentages	Line graphs and tables				
Year 6	Week	1	2	3	4	5	6	7	8	9	10	Taught through other units		
		Adding and subtracting fractions with different denominators		Multiply and divide fractions	Solving problems involving ratio and proportion		Calculating with decimals	Solving problems involving converting between units of time	Area and volume	Calculating with percentages	Pie charts, line graphs and the mean average	Understanding algebra		

Summer Term

Week	1	2	3	4	5	6	7	8	9	
Year 1	Numbers up to 100		Addition and subtraction within 100		Introduction to coins and notes		Introduction to multiplication and division	Introduction to capacity and volume		
Week	1	2	3	4	5	6	7			
Year 2	Three digit numbers	Capacity, volume and temperature		Exploring weight (or mass)	Multiplication and division		3s, 4s, 8s, 50s and 100s			
Week	1	2	3	4	5	6	7	8	9	
Year 3	Making shapes		Angles	Length, weight, capacity and volume		3s, 4s, 8s, 50s and 100s	Four-digit numbers			
Week	1	2	3	4	5	6	7	8	9	10
Year 4	Converting between different units of measure		Solving problems involving money	Classify quadrilaterals and triangles	Comparing angles	Symmetry	Coordinates and translations	Roman numerals to 100 (C)	Numbers below 0	Exploring 2D representations of 3D shapes
Week	1	2	3	4	5	6	7	8	9	10
Year 5	Reflection and translation		Combining addition, subtraction, multiplication and division		Calculating with decimals	Missing angles and lengths	Building and drawing 2D and 3D shapes and nets	Combining addition, subtraction, multiplication and division	Calculating with decimals	Calculating with percentages

Year 6- SATs preparation and revision