Newport Primary School Long & Medium Term Maths Plan 2025/26

Last Updated 27.06.25

HT/DHT

Year 5 Maths Long Term Plan

Term		Week													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Autumn	**Number:** Place Value (WRH Autumn Block 1 & Summer Block 4)				**Number:** Addition & Subtraction (WRH Autumn Block 2)			**Statistics** (WRH Spring Block 5)		**Number:** Multiplication & Division (WRH Spring Block 1)			**Measure:** Perimeter and Area (WRH Spring Block 4)	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Spring	**Number:** Multiplication and Division (WRH Autumn Block 3)			**Number:** Fractions (WRH Autumn Block 4)				**Number:** Fractions (WRH Spring Block 2)		**Number:** Decimals and Percentages (WRH Spring Block 3)		**Measure:** Converting units (WRH Summer Block 5 & Summer Block 6 for volume)		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Summer	**Number:** **D**ecimals, Addition, Subtraction, Multiplication & Division (WRH Autumn Block 2 & 3 - Revision)		**Number:** Decimals (WRH Summer Block 3)		**Number:** Percentages (WRH Spring Block 3 step 12 - 15)		**Geometry :** Properties of Shape & Measure (WRH – Summer Block 1)	**Geometry:** Position and Direction (WRH - Summer Block 2)		**Statistics** (WRH Spring Block 5)				

Note: Where number of weeks in terms differ, final weeks may need to be covered in the next term

Where objectives are highlighted in red, these will also be covered in arithmetic sessions

Key: Number | Measure | Geometry | Statistics

Year 5 Autumn Medium Term Plan

Week													
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Number: Place Value				**Number:** Addition & Subtraction			**Statistics**		**Number:** Multiplication & Division			**Measure:** Perimeter and Area	
Read, write, order and compare numbers to at least 1000000 and determine the value of each digit.				Add and subtract numbers mentally with increasingly large numbers.			Solve comparison, sum and difference problems using information presented in a line graph.		Multiply numbers up to 4 digits (HTO x O, ThHTO x O) by a one or two digit number using a formal written method, including long multiplication for 2 digit numbers.			Measure and calculate the perimeter of composite rectilinear shapes in cm and m.	
Count forwards or backwards in steps of powers of 10 for any given number up to 1000000.				Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).			Complete, read and interpret information in tables including timetables		Divide numbers up to 4 digits (HTO÷O) by a one digit number using the formal written method of short division and interpret remainders appropriately for the context.			Calculate and compare the area of rectangles (including squares), and including using standard units, cm2, m2 estimate the area of irregular shapes.	
Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000.				Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.					Multiply and divide numbers mentally drawing upon known facts.				
Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero.				Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.					**Multiply and divide whole numbers by 10, 100 and 1000.**				
Solve number problems and practical problems that involve all of the above.									**Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.**				
Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.									**Recognise and use square numbers and cube numbers and the notation for squared (2) and cubed (3)**				
									Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes.				

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Year 5 Spring Medium Term Plan

Week													
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Number: Multiplication and Division			**Number:** Fractions				**Number:** Fractions		**Number:** Decimals and Percentages		**Measure:** Converting units		
Establish whether a number up to 100 is prime and recall prime numbers up to 19			Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.				Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams		Read, write, order and compare numbers with up to three decimal places.		Convert between different units of metric measure [for example, km and m; cm and m; cm and mm; g and kg; l and ml] **Link to number Multiply and divide whole numbers by 10, 100 and 1000.**		
Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers			Compare and order fractions whose denominators are multiples of the same number.				Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.		Round decimals with two decimal places to the nearest whole number and to one decimal place.		Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.		
Multiply numbers up to 4 (HTO xTO, ThHTO x TO) digits by a one or two digit number using a formal written method, including long multiplication for 2 digit numbers.			Add and subtract fractions with the same denominator and denominators that are multiples of the same number.						Solve problems involving number up to three decimal places.		Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling		
Divide numbers up to 4 (ThHTO ÷ O) digits by a one digit number using the formal written method of short division and interpret remainders appropriately for the context.			Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number [for example 25 + 45 = 65 = 1 15]						Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.		Solve problems involving converting between units of time		
									Read and write decimal numbers as fractions [for example 0.71 = 71100]				
									Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal.				
									Solve problems which require knowing percentage and decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25.				

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Key: Number | Measure | Geometry | Statistics

Year 5 Summer Medium Term Plan

Week													
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Number: Decimals, Addition, Subtraction, Multiplication & Division		**Number:** Decimals			**Number:** Percentages	**Geometry :** Properties of Shape & Measure		**Geometry:** Position and Direction		**Statistics**			
Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.		Add and subtract decimals with different numbers of decimal places			**Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal.**	Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.		Identify describe and represent the position of a shape following a reflection or translation Using the appropriate language and know that the shape has not changed.		Complete, read and interpret information in tables including timetables.			
		Multiply and divide decimals by 10, 100 & 1000				**Use the properties of rectangles to deduce related facts and find missing lengths and angles.**							
					Solve problems which require knowing percentage and decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25.	Identify 3D shapes, including cubes and other cuboids, from 2D representations.							
						Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles.							
						Draw given angles, and measure them in degrees (o)							
						Identify: angles at a point and one whole turn (total 360o), angles at a point on a straight line and ½ a turn (total 180o) other multiples of 90o							

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