



Year 5 Maths Overview 2026 – 2027

Rationale

This overview is designed to run alongside the NC Mathematics programmes of study and White Rose Schemes of Learning (Version 3.0). Due to differing term lengths, these overviews do not directly match those on White Rose. For instance, some units are started earlier in the term or the term before, but they all correlate with the schemes of learning. The allocated time for each block is for guidance only but should allow for extra time in most cases for specific objectives to be covered in more depth if required. There should also be time following the assessment weeks to complete blocks of work if necessary or to consolidate learning. Avoid rushing through the steps and moving on too quickly if you feel more time should be spent on certain concepts, particularly for those areas linked to the ready to progress criteria that have been identified as the most important conceptual knowledge and understanding that pupils need as they progress from year 1 to year 6. The steps that are linked to the DfE ready to progress criteria are identified with a reference such as (NPV-1); teachers can use these to refer to the document for additional planning support.

The small steps within White Rose are not necessarily designed to cover one lesson so some may be repeated in order to consolidate concepts or allow children greater access to reasoning and problem solving. This is particularly evident in the Y1 schemes. Some steps might also be combined or even omitted from main teaching lessons if they can be easily covered and secured through fluency starters. Teachers should use their professional judgement and knowledge of their current cohort to make these decisions.

Small steps that are covered in Numicon Essentials are highlighted in blue (Y1-6 only). These lessons are designed to help primary school children master mathematics through structured talk and hands-on learning. They sometimes combine some of the small steps into one and some of these lessons are designed as pre-teach, introduction, intervention, replacement or to deepen understanding of the White Rose small steps so check the guidance carefully.

DEAN BANK PRIMARY AND NURSERY SCHOOL

Year 5 – Yearly Overview – Autumn 2026

DEAN BANK PRIMARY AND NURSERY SCHOOL					
Year 5 – Yearly Overview – Autumn 2026					
	Week 1 – 3 (Block 1: 3 weeks)	Week 4 - 5 (Block 2: 2 weeks)	Week 6 - 8 (Block 3: 3 weeks)	Week 9 – 12 (Block 4: 4 weeks)	Week 13 - 14 (2 weeks)
	Number: Place Value	Number: Addition and subtraction	Number: Multiplication and division A	Number: Fractions A	Assessment and consolidation
	Roman numerals to 1,000. Numbers to 10,000. Numbers to 100,000. Numbers to a million. Read and write numbers to 1 million Powers of 10 10/100/1,000/10,000/100,000 more or less Partition numbers to 1 million Number line to 1 million Compare and order numbers to 100,000. Compare and order numbers to 1 million. Round to the nearest 10, 100 and 1,000. Round within 100,000. Round numbers to a million ASSESSMENT	Mental strategies Add whole numbers with more than 4 digits Subtract whole numbers with more than 4 digits Round to check answers Inverse operations (addition and subtraction). Multi step addition and subtraction problems. Compare calculations Find missing numbers ASSESSMENT	Multiples. Common multiples Factors. Common factors. Prime numbers. Square numbers. Cube numbers. Multiplying by 10, 100 and 1,000. Dividing by 10, 100 and 1,000. Multiples of 10, 100 and 1,000. ASSESSMENT	Find fractions equivalent to a unit fraction Find fractions equivalent to a non-unit fraction Recognise equivalent fractions. Convert improper fractions to mixed numbers. Convert mixed numbers to improper fractions. Compare fractions less than 1. Order fractions less than 1. Compare and order fractions greater than 1. Add and subtract fractions with the same denominator Add fractions within 1. Add fractions with a total greater than 1 Add to a mixed number Add 2 mixed numbers. Subtract fractions. Subtract from a mixed number Subtract from a mixed number – breaking the whole. Subtract 2 mixed numbers. ASSESSMENT	* Arithmetic and Reasoning assessment * KIRF checks
White Rose Maths Small Steps					
DfE guidance (Ready to Progress criteria)			5NF-1 - Secure fluency in multiplication table facts, and corresponding division facts, through continued practice. 5MD-1 - Multiply and divide numbers by 10 and 100; understand this as equivalent to making a number 10 or 100 times the size, or 1 tenth or 1 hundredth times the size. 5MD-2 - Find factors and multiples of positive whole numbers, including common factors and common multiples, and express a given number as a product of 2 or 3 factors.		

DEAN BANK PRIMARY AND NURSERY SCHOOL

Year 5 – Yearly Overview – Spring 2027

DEAN BANK PRIMARY AND NURSERY SCHOOL Year 5 – Yearly Overview – Spring 2027						
	Week 1 -3 (Block 1: 3 weeks)	Week 4 – 5 (Block 2: 2 weeks)	Week 6 – 8 (Block 3: 3 weeks)	Week 9 (Block 4: 1 out of 3 weeks)	Week 10	Week 11 (Block 4: 1 week)
	Number: Multiplication and division B	Number: Fractions B	Number: Decimals and percentages	Measurement: Perimeter and area	Assessment	Statistics
	Multiply up to a 4-digit number by a 1-digit number Multiply a 2-digit number by a 2-digit number (area model) Multiply a 2-digit number by a 2-digit number Multiply a 3-digit number by a 2-digit number Multiply a 4-digit number by a 2-digit number Solve problems with multiplication Short division Divide a 4-digit number by a 1-digit number Divide with remainders Efficient division Solve problems with multiplication and division ASSESSMENT	Multiply a unit fraction by an integer Multiply a non-unit fraction by an integer Multiply a mixed number by an integer Calculate a fraction of a quantity Fraction of an amount Find the whole Use fractions as operators ASSESSMENT	Decimals up to 2 decimal places Equivalent fractions and decimals (tenths) Equivalent fractions and decimals (hundredths) Equivalent fractions and decimals Thousandths as fractions Thousandths as decimals Thousandths on a place value chart Order and compare decimals (same number of decimal places) Order and compare any decimals with up to 3 decimal places Round to the nearest whole number Round to 1 decimal place Understand percentages Percentages as fractions Percentages as decimals Equivalent fractions, decimals and percentages ASSESSMENT	Perimeter of rectangles Perimeter of rectilinear shapes Perimeter of polygons Area of rectangles Area of compound shapes Estimate area ASSESSMENT Continue during assessment week if time allows.	* Arithmetic and Reasoning assessment * KIRF checks	Draw line graphs Read and interpret line graphs Read and interpret tables Two-way tables Read and interpret timetables ASSESSMENT
White Rose Maths Small Steps						
DfE guidance (Ready to Progress criteria)	SMD-3 - Multiply any whole number with up to 4 digits by any one-digit number using a formal written method. SMD-4 - Divide a number with up to 4 digits by a one-digit number using a formal written method, and interpret remainders appropriately for the context.	5F-1 - Find non-unit fractions of quantities. 5F-2 - Find equivalent fractions and understand that they have the same value and the same position in the linear number system.	5NPV-1 - Know that 10 tenths are equivalent to 1 one, and that 1 is 10 times the size of 0.1. Know that 100 hundredths are equivalent to 1 one, and that 1 is 100 times the size of 0.01. Know that 10 hundredths are equivalent to 1 tenth, and that 0.1 is 10 times the size of 0.01 5NPV-2 - Recognise the place value of each digit in numbers with up to 2 decimal places, and compose and decompose numbers with up to 2	5G-2 - Compare areas and calculate the area of rectangles (including squares) using standard units.		5NPV-4 - Divide 1 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in units of 1 with 2, 4, 5 and 10 equal parts.

			decimal places using standard and non-standard partitioning. 5NPV-5 - Convert between units of measure, including using common decimals and fractions. 5F-3 - Recall decimal fraction equivalents for $\frac{1}{4}, \frac{1}{2}, \frac{1}{5}, \frac{1}{10}$ and for multiples of these proper fractions.			
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DEAN BANK PRIMARY AND NURSERY SCHOOL

Year 5 – Yearly Overview - Summer 2027

	Week 1 – 3 (Block 1: 3 weeks)	Week 3 - 4 (Block 2: 2 weeks)	Week 5 - 7 (Block 3: 3 weeks)	Week 8 (Block 4: 1 week)	Week 9 - 10 (Block 5: 2 weeks)	Week 11 (Block 6: 1 week)	Week 12 - 13 (2 weeks)
	Geometry: Property of Shape	Geometry: Position and Direction	Number: Decimals	Number: Negative numbers	Measurement: Converting units	Measurement: Volume	Assessment and consolidation
White Rose Maths Small Steps	Understand and use degrees. Classify angles Estimate angles Measure angles up to 180° Draw lines and angles accurately. Calculate angles around a point. Calculate angles on a straight line. Lengths and angles in shapes. Regular and irregular polygons. 3D shapes. ASSESSMENT	Read and plot co-ordinates Problem solving with coordinates Translation. Translation with coordinates. Lines of symmetry Reflection in horizontal and vertical lines ASSESSMENT	Use known facts to add and subtract decimals within 1. Complements to 1. Add and subtract decimals across 1 Add decimals with the same number of decimal places. Subtract decimals with the same number of decimal places. Add decimals with a different number of decimal places. Subtract decimals with a different number of decimal places. Efficient strategies for adding and subtracting decimals. Decimal sequences. Multiply decimals by 10, 100 and 1000. Divide decimals by 10, 100 and 1,000. Multiply and Divide decimals – missing values ASSESSMENT	Understand negative numbers Count through zero in 1s Count through zero in multiples Compare and order negative numbers Find the difference ASSESSMENT	Kilograms and kilometres. Millimetres and millilitres. Convert units of length Convert between metric and imperial units. Convert units of time. Calculate with timetables. ASSESSMENT	Cubic centimetres Compare volume. Estimate volume. Estimate capacity. ASSESSMENT	* Arithmetic and Reasoning assessment * KIRF checks
DfE guidance (Ready to Progress criteria)	5G-1 - Compare angles, estimate and measure angles in degrees (°) and draw angles of a given size.	5NPV-4 - Divide 1 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in units of 1 with 2, 4, 5 and 10 equal parts. 5NPV-5 - Convert between units of measure, including using common decimals and fractions.	5NPV-3 - Reason about the location of any number with up to 2 decimals places in the linear number system, including identifying the previous and next multiple of 1 and 0.1 and rounding to the nearest of each. 5NF-2 - Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 1 tenth or 1 hundredth).			4G-1 - Draw polygons, specified by coordinates in the first quadrant, and translate within the first quadrant.	

			5MD-1 - Multiply and divide numbers by 10 and 100; understand this as equivalent to making a number 10 or 100 times the size, or 1 tenth or 1 hundredth times the size.				
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