



Year 4 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 4 – Yearly Overview – Autumn 2026

	Week 1 – 4 (Block 1: 4 weeks)	Week 5 – 7 (Block 2: 3 weeks)	Week 8 (Block 3: 1 week)	Week 9 – 11 (Block 4: 3 weeks)	Week 12 (Block 1 Spring: 1 week out of 3 weeks)	Week 13 - 14 (2 weeks)
	Number: Place Value	Number: Addition and Subtraction	Measurement: Area	Number: Multiplication and Division A	Number: Multiplication and division B	Assessment and consolidation
White Rose Maths Small Steps	Represent numbers to 1,000 Partition numbers to 1,000 Number line to 1,000 Thousands Represent numbers to 10,000 Partition numbers to 10,000 Flexible partition of numbers to 10,000 Find 1, 10, 100, 1,000 more or less Number line to 10,000 Estimate on a number line to 10,000 Compare numbers 10,000 Order numbers to 10,000 Roman numerals Round to the nearest 10 Round to the nearest 100 Round to the nearest 1000 Round to the nearest 10, 100 or 1,000 ASSESSMENT	Add and subtract 1s, 10s, 100s and 1000s Add up to two 4-digit numbers - no exchange Add two 4-digit numbers - one exchange Add two 4-digit numbers - more than one exchange Subtract two 4-digit numbers - no exchange Subtract two 4-digit numbers - one exchange Subtract two 4-digit numbers - more than one exchange Efficient subtraction Estimate answers Checking strategies ASSESSMENT	What is area? Counting squares Making shapes. Comparing area. ASSESSMENT	Multiples of 3 Multiply and divide by 6 6 times table and division facts Multiply and divide by 9 9 times table and division facts The 3, 6 and 9 times tables Multiply and divide by 7 7 times table and division facts 11 times table and division facts 12 times table and division facts Multiply by 1 and 0 Divide by 1 and itself Multiply 3 numbers ASSESSMENT	Factor pairs Use factor pairs Multiply by 10 Multiply by 100 Divide by 10 Divide by 100 Related facts - multiplication and division	* Arithmetic and Reasoning assessment * KIRF checks
DfE guidance (Ready to Progress criteria)	4NPV-1 - Know that 10 hundreds are equivalent to 1 thousand, and that 1,000 is 10 times the size of 100; apply this to identify and work out how many 100s there are in other four-digit multiples of 100. 4NPV-2 - Recognise the place value of each digit in four-digit numbers, and compose and decompose four-digit numbers using standard and non-standard partitioning. 4NPV-3 - Reason about the location of any 4-digit number in the linear number system, including identifying the previous	4NF-3 - Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 100)	4G-2 -Identify regular polygons, including equilateral triangles and squares, as those in which the side lengths are equal and the angles are equal. Find the perimeter of regular and irregular polygons.	4NPV-1 - Know that 10 hundreds are equivalent to 1 thousand, and that 1,000 is 10 times the size of 100; apply this to identify and work out how many 100s there are in other four-digit multiples of 100. 4NF-1 - Recall multiplication and division facts up to 12×12 and recognise products in multiplication tables as multiples of the corresponding number. 4MD-1 - Multiply and divide whole numbers by 10 and 100 (keeping to whole number quotients); understand this as equivalent to making a		

	& next multiple of 1,000 and 100, and rounding to the nearest of each 4NF-3 - Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 100)			number 10 or 100 times the size. 4MD-2 - Manipulate multiplication and division equations, and understand and apply the commutative property of multiplication.		
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DEAN BANK PRIMARY AND NURSERY SCHOOL

Year 4 – Yearly Overview – Spring 2027

	Week 1 -2 (Block 1: 2 weeks left)	Week 3 – 4 (Block 2: 2 weeks)	Week 5 – 8 (Block 3: 4 weeks)	Week 9 (Block 4: 1 out of 3 weeks)	Week 10	Week 11 (Block 4: 1 week left)
	Number: Multiplication and division B	Measurement: Length and Perimeter	Number: Fractions	Number: Decimals A	Assessment	Number: Decimals A
White Rose Maths Small Steps	Multiply 2 digits by 1 digit Multiply 3 digits by 1 digit Divide 2 digits by 1 digit (1) Divide 2 digits by 1 digit (2) Divide 3 digits by 1 digit Correspondence problems Efficient multiplication ASSESSMENT	Measure in kilometres and metres Equivalent lengths (kilometres and metres) Perimeter on a grid Perimeter of a rectangle Perimeter of rectilinear shapes Find missing lengths in rectilinear shapes Calculate the perimeter of rectilinear shapes Perimeter of regular polygons Perimeter of polygons ASSESSMENT	Understand the whole Count beyond 1 Partition a mixed number Number lines with mixed numbers Compare and order mixed numbers Understand improper fractions Convert mixed numbers to improper fractions Convert improper fractions to mixed numbers Equivalent fractions on a number line Equivalent fraction families Add two or more fractions Add fractions and mixed numbers Subtract two fractions Subtract from whole amounts Subtract from mixed numbers ASSESSMENT	Tenths as fractions Tenths as decimals Tenths on a place value chart Tenths on a number line Divide a 1-digit number by 10 Divide a 2-digit number by 10 Continue during assessment week if time allows.	* Arithmetic and Reasoning assessment * KIRF checks	Hundredths as fractions Hundredths as decimals Hundredths on a place value chart Divide a 1 or 2-digit number by 100 ASSESSMENT
DfE guidance (Ready to Progress criteria)	4NF-1 - Recall multiplication and division facts up to 12×12 and recognise products in multiplication tables as multiples of the corresponding number. 4NF-2 - Solve division problems, with two-digit dividends and one-digit divisors that involve remainders, and interpret remainders appropriately according to the context. 4NF-3 - Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 100) 4MD-2 - Manipulate multiplication and	4NF-1 - Recall multiplication and division facts up to 12×12 and recognise products in multiplication tables as multiples of the corresponding number.	4F-1 - Reason about the location of mixed numbers in the linear number system 4F-2 - Convert mixed numbers to improper fractions and vice versa. 4F-3 - Add and subtract improper and mixed fractions with the same denominator, including bridging whole numbers.			

	division equations, and understand and apply the commutative property of multiplication. 4MD-3 - Understand and apply the distributive property of multiplication.					
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DEAN BANK PRIMARY AND NURSERY SCHOOL

Year 4 – Yearly Overview - Summer 2027

	Week 1 – 2 (Block 1: 2 weeks)	Week 3 – 4 (Block 2: 2 weeks)	Week 5 – 6 (Block 3: 2 weeks)	Week 7 – 8 (Block 4: 2 weeks)	Week 9 (Block 5: 1 week)	Week 10 – 11 (Block 6: 2 weeks)	Week 12 – 13 (2 weeks)
	Number: Decimals B	Measurement: Money	Measurement: Time	Geometry: Property of Shape	Statistics	Geometry: Position and Direction	Assessment and consolidation
White Rose Maths Small Steps	Make a whole with tenths Make a whole with hundredths Partition decimals Flexibly partition decimals Compare decimals Order decimals Round decimals to the nearest whole number Halves and quarters as decimals ASSESSMENT	Write money using decimals Convert between pounds and pence Compare amounts of money Estimate with money Calculate with money Solve problems with money ASSESSMENT	Years, months, weeks and days Hours, minutes and seconds Convert between analogue and digital times Convert to the 24-hour clock Convert from the 24-hour Clock ASSESSMENT	Understand angles as turns Identify angles Compare and order angles Triangles Quadrilaterals Polygons Lines of symmetry Complete a symmetric figure ASSESSMENT	Interpret charts. Comparison, sum and difference. Interpret line graphs. Draw line graphs. ASSESSMENT	Describe position using coordinates Plot coordinates Draw 2D shapes on a grid Translate on a grid Describe translation on a grid ASSESSMENT	* Arithmetic and Reasoning assessment * KIRF checks
DfE guidance (Ready to Progress criteria)				4G-2 -Identify regular polygons, including equilateral triangles and squares, as those in which the side lengths are equal and the angles are equal. Find the perimeter of regular and irregular polygons. 4G-3 - Identify line symmetry in 2D shapes presented in different orientations. Reflect shapes in a line of symmetry and complete a symmetric figure or pattern with respect to a specified line of symmetry.	4NPV-4 - Divide 1,000 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 1,000 with 2, 4, 5 and 10 equal parts.	4G-1 - Draw polygons, specified by coordinates in the first quadrant, and translate within the first quadrant.	