

Maths Yearly Overview 2025-2026	
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Subject: Maths Y6	TOPIC	COMPONENT (Adapted from white rose year 4 and 5 scheme of learning)	Notes: Why are you delivering this topic at this time of year?
Autumn 1 Y4 ARE	Number and place value (Weeks 2-5) Addition and subtraction (Week 5 – End of term)	<u>Week 1</u> Welcome back lessons, assessment and refamiliarizing routines. <u>Week 2</u> • Represent numbers to 1,000 • Partitioning numbers to 1,000 • Numberline to 1,000 • Understanding thousands. <u>Week 3</u> • Representing numbers to 10,000 • Partitioning numbers to 10,000 • Flexible partitioning of numbers to 10,000 • Finding 1, 10, 100, 1,000 more or less <u>Week 4</u> • Number line to 10,000 • Understanding roman numerals. • Rounding to the nearest 10 • Rounding to the nearest 100. <u>Week 5</u> • Rounding to the nearest 1,000. • Round to the nearest 10, 100 or 1000. • End of unit assessment. • Adding and subtracting 1s, 10s, 100s and 1000s. <u>Week 6</u> • Adding up to two 4-digit numbers without exchange.	Order of units rearranged from white rose scheme of learning to facilitate more effective mixed age teaching.

		• Adding two 4-digit numbers with one exchange. • Adding two 4-digit numbers with more than one exchange. • Subtracting two 4-digit numbers without exchange. <u>Week 7</u> • Subtracting two 4-digit numbers with one exchange. • Subtracting two 4-digit numbers with more than one exchange. • Efficient subtractions • End of unit assessment.	
Autumn 1 Y5 ARE	Number and place value (Weeks 2-5) Addition and subtraction (Week 5 – End of term)	<u>Week 1</u> Welcome back lessons, assessment and refamiliarizing routines. <u>Week 2</u> • Roman numerals to 1,000 • Understanding numbers to 10,000 • Understanding numbers to 100,000 • Understanding numbers to 1,000,000 <u>Week 3</u> • Read and writing numbers to 1,000,000. • Understanding powers of 10. • 10/100/1,000/10,000/100,000 more or less. • Partitioning numbers to 1,000,000 <u>Week 4</u> • Comparing and ordering numbers to 100,000 • Comparing and ordering numbers to 1,000,000 • Rounding to the nearest 10,100, 1,000. • Rounding within 100,000. <u>Week 5</u> • Rounding within 1,000,000	Order of units rearranged from white rose scheme of learning to facilitate more effective mixed age teaching.

		- Recap lesson based on misconceptions made in Number and place value block. - End of unit assessment. - Adding and subtracting using mental strategies. <u>Week 6</u> - Adding whole numbers with more than four digits. - Subtracting whole numbers with more than four digits. - Rounding to check answers. - Inverse operations (addition and subtraction) <u>Week 7</u> - Multi-step addition and subtraction problems. - Comparing calculations. - Finding missing numbers. - End of block assessment.	
Autumn 2 Y4 ARE	Measurement: area (week 1-2) Multiplication and division (weeks 2-5) Consolidation (weeks 6 and 7.)	<u>Week 1</u> - Understanding what area is. - Counting squares. - Making shapes using area. - Comparing areas. <u>Week 2</u> - End of unit assessment (area). - Multiples of 3. - Multiply and divide by 6. 6 times-tables and division facts. <u>Week 3</u> - Multiply and divide by 9. 9 times-table and division facts. - The 3, 6 and 9 times tables. - Multiply and dividing by 7.	Order of units rearranged from white rose scheme of learning to facilitate more effective mixed age teaching.

		<u>Week 4</u> • 7 times tables and division facts. • 11 times-tables and division facts. • 12 times tables and division facts. • Multiplying by 1 and 0. <u>Week 5</u> • Dividing a number 1 and itself. • Multiplying 3 numbers. • End of block assessment. <u>Week 6 & Week 7</u> Consolidation weeks. Mathletics and times tables practise.	
Autumn 2 Y5 ARE	Multiplication and division (weeks 1-3) Fractions (Weeks 3-7)	<u>Week 1</u> • Understanding multiples. • Common multiples. • Understanding factors. • Common factors. <u>Week 2</u> • Understanding prime numbers. • Understanding square numbers. • Understanding cube numbers. • Multiplying and dividing by 10,100 and 1000. <u>Week 3</u> • Dividing by 10, 100 and 1000. • Multiples of 10, 100 and 1000. • End of block assessment. • Finding fractions equivalent to a unit fraction. <u>Week 4</u>	Order of units rearranged from white rose scheme of learning to facilitate more effective mixed age teaching.

		• Finding fractions equivalent to a non-unit fraction. • Recognising equivalent fractions. • Converting improper fractions to mixed numbers. • Converting mixed numbers to improper fractions. <u>Week 5</u> • Comparing fractions less than 1. • Ordering fractions less than 1. • Comparing and ordering fractions greater than 1. • Adding and subtracting fractions with the same denominator. <u>Week 6</u> • Adding fractions within 1. • Adding fractions with a total greater than 1. • Adding to a mixed number. • Adding two mixed numbers. <u>Week 7</u> • Subtracting fractions. • Subtracting from a mixed number. • Subtracting two- mixed numbers. • End of block assessment.	
Spring 1 Year 4 ARE	Multiplication and division (Weeks 1-5) Fractions (weeks 5-6)	<u>Week 1</u> • Understanding factor pairs. • Using factor pairs. <u>Week 2</u> • Multiplying by 10. • Multiplying by 100. • Dividing by 10. • Dividing by 100. <u>Week 3</u>	Order of units rearranged from white rose scheme of learning to facilitate more effective mixed age teaching.

		• Understanding related facts involving multiplication and division. • Using informal written methods for multiplication. • Multiplying a 2-digit number by a 1-digit number. • Multiplying a 3-digit number by a 1-digit number. <u>Week 4</u> • Dividing a 2-digit number by a 1-digit number • Dividing a 2-digit number by a 1-digit number. • Dividing a 3-digit number by a 1-digit number. • Understanding correspondence problems. <u>Week 5</u> • Using efficient multiplication methods. • End of block assessment. • Understanding the whole in fractions. • Counting beyond 1 in fractions. <u>Week 6</u> • Partitioning involving a mixed number. • Number lines using mixed numbers. • Comparing and ordering mixed numbers. • Understanding improper fractions.	
Spring 1 Y5 ARE	Multiplication and division (weeks 1-4) Fractions (weeks 4-6)	<u>Week 1</u> • Multiplying up to a 4-digit by a 1-digit number • Multiplying a 2-digit number by a 2-digit number using the area model <u>Week 2</u> • Multiplying a 2-digit number by a 2-digit number. • Multiplying a 3-digit by a 2-digit number. • Multiplying a 4-digit by a 2-digit number. • Solving problems using multiplication.	Order of units rearranged from white rose scheme of learning to facilitate more effective mixed age teaching.

		<u>Week 3</u> • Understanding and using short division. • Dividing a 4-digit number by a 1-digit number. • Dividing with remainders. • Using efficient division. <u>Week 4</u> • Solving problems involving multiplication and division. • End of block assessment. • Multiplying a unit fraction by an integer. • Multiplying a non-unit fraction by an integer. <u>Week 5</u> • Multiplying a mixed number by an integer. • Calculating a fraction of a quantity. • Finding a fraction of an amount. • Finding the whole. <u>Week 6</u> • Using fractions as operators. • End of block assessment. • Consolidation lessons.	
Spring 2 Y4 ARE	Fractions (week 1-3) Length and perimeter (Weeks 3-5) Decimals (Weeks 6)	<u>Week 1</u> • Converting mixed numbers to improper fractions. • Converting improper fractions to mixed numbers. • Placing equivalent fractions on a number line. • Equivalent fraction families <u>Week 2</u> • Adding two or more fractions together. • Adding fractions and mixed numbers. • Subtracting two fractions. • Subtracting from whole amounts.	Order of units rearranged from white rose scheme of learning to facilitate more effective mixed age teaching.

		<u>Week3</u> • Subtracting from mixed numbers. • End of block assessment. • Measuring in kilometres and metres • Finding equivalent lengths (kilometres and metres). <u>Week 4</u> • Perimeter on a grid. • Finding perimeter of a rectangle. • Finding perimeter of rectilinear shapes. • Finding missing lengths in rectilinear shapes. <u>Week 5</u> • Calculating the perimeter of rectilinear shapes. • Finding the perimeter of regular polygons. • Find the perimeter of irregular polygons. • End of block assessment. <u>Week 6</u> • Understanding tenths as fractions. • Understanding tenths as decimals. • Understanding tenths on a place value chart. • Understanding tenths on a number line.	
Spring 2 Y5 ARE	Statistics (weeks 1-2) Perimeter and area. (weeks 2-4) Decimals (weeks 4-6)	<u>Week 1</u> • Drawing line graphs. • Reading and interpreting line graphs. • Reading and interpreting tables. • Understanding two-way tables. <u>Week 2</u> • Reading and interpreting timetables. • End of block assessment.	Order of units rearranged from white rose scheme of learning to facilitate more effective mixed age teaching.

		• Finding the perimeter of rectangles. • Finding the perimeter of rectilinear shapes. • <u>Week 3</u> • Finding the perimeter of polygons. • Finding the area of rectangles. • Finding the area of compound shapes. • Estimating area. • <u>Week 4</u> • End of block assessment. • Understanding decimals up to 2 decimal places. • Finding equivalent fractions and decimals (tenths). • Finding equivalent fractions and decimals (hundredths). • <u>Week 5</u> • Finding equivalent fractions and decimals. • Understanding thousandths as fractions. • Understanding thousandths as decimals. • Understanding thousandths on a place value chart. • <u>Week 6</u> • Ordering and comparing decimals in numbers with the same number of decimal places. • Ordering and comparing any decimal with up to 3 decimal places. • Rounding to the nearest whole number. • Rounding to 1 decimal place.	
Summer 1 Y4 ARE	Decimals (weeks 1-4) Shape (weeks 5-6)	<u>Week 1</u> • Dividing a 1-digit number by 10. • Dividing a 2-digit number 10. • Understanding hundredths as fractions. • Understanding hundredths as decimals. <u>Week 2</u>	Order of units rearranged from white rose scheme of learning to facilitate more effective mixed age teaching.

		• Understanding hundredths on a place value chart. • Dividing a 1 or 2-digit number by 100. • End of block assessment. • Making a whole number with tenths. <u>Week 3</u> • Making a whole number with hundredths. • Partitioning involving numbers with decimals. • Flexibly partitioning numbers with decimals. • Comparing numbers with decimals. <u>Week 4</u> • Ordering numbers with decimals. • Rounding to the nearest whole number. • Understanding halves and quarters as decimals. • End of block assessment. <u>Week 5</u> • Understanding angles as turns. • Identifying angles. • Comparing and ordering angles. • Understanding the angles of triangles. <u>Week 6</u> • Understanding the angles of quadrilaterals. • Understanding the angles of polygons. • Understanding lines of symmetry. • End of block assessment.	
Summer 1 Y5 ARE	Decimals (weeks 1-4) Shape (weeks 5-6)	<u>Week 1</u> • Understanding percentages. • Understanding percentages as fractions. • Understanding percentages as decimals.	Order of units rearranged from white rose scheme of learning to facilitate more effective mixed age teaching.

		• Finding equivalent fractions, decimals, and percentages. <u>Week 2</u> • End of block assessment. • Using known facts to add and subtract decimals within 1. • Finding complements to 1. • Adding and subtracting decimals across 1. <u>Week 3</u> • Adding decimals with the same number of decimal places. • Subtracting decimals with the same number of decimal places. • Finding and using efficient strategies for adding and subtracting decimals. • Understanding decimal sequences. <u>Week 4</u> • Multiplying by 10, 100 and 1000. • Dividing by 10, 100 and 1000. • Multiplying and dividing decimals involving missing values. • End of block assessment. <u>Week 5</u> • Understanding using degrees. • Classifying angles. • Estimating angles. • Measuring angles up to 180. <u>Week 6</u> • Draw lines and angles accurately. • Calculate angles around a point. • Calculate angles on a straight line. • Finding lengths and angles in shapes.	
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Summer 2 Y4 ARE	Time (weeks 1-2) Position and direction (weeks 3-4) Money (weeks 4-6) Statistics (weeks 6-7)	<u>Week 1</u> • Understanding years, months, weeks and days/ • Understanding hours, minutes and seconds. • To convert between analogue and digital times. • To convert to the 24 hour clock. <u>Week 2</u> • To convert from the 24 hour clock. • End of unit assessment. • Consolidation lessons x2 <u>Week 3</u> • Describing position using coordinates. • Plotting coordinates. • Drawing 2-d shapes on a grid. • Understanding translation on a grid. <u>Week 4</u> • Describing translation on a grid. • End of block assessment. • Writing money using decimals. • Converting between pounds and pence. <u>Week 5</u> • Comparing amounts of money. • Estimating using money. • Calculating with money. • Solving problems involving money. <u>Week 6</u> • End of block assessment. • Interpreting charts. • Understanding comparison, sum and difference. • Interpreting line graphs.	Order of units rearranged from white rose scheme of learning to facilitate more effective mixed age teaching.
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		<u>Week 7</u> • Drawing line graphs. • End of block assessment. Remainder of lessons will be consolidation lessons.	
Summer 2 Y5 ARE	Shape (week 1) Negative numbers (Week 1-2) Position and direction (weeks 3-4) Converting units	<u>Week 1</u> • Understanding regular and irregular polygons. • Understanding 3-d shapes. • End of block assessment. • Understanding negative numbers. <u>Week 2</u> • Counting through zero in 1s. • Counting through zero in multiples/ • Comparing and ordering negative numbers. • End of block assessment. <u>Week 3</u> • Reading and plotting coordinates. • Problem solving with coordinates. • Understanding translation. • Understanding translation with coordinates. <u>Week 4.</u> • Understanding lines of symmetry. • Reflecting in horizontal and vertical lines. • End of block assessment. • Understanding kilograms and kilometres. <u>Week 5</u> • Understanding millimetres and millilitres. • Converting units of length. • Converting between metric and imperial units.	Order of units rearranged from white rose scheme of learning to facilitate more effective mixed age teaching.

		• Converting units of time. <u>Week 6</u> • Calculate with timetables. • End of block assessment. • Understanding cubic centimetres. • Comparing volume. <u>Week 7</u> • Estimating volume. • Estimating capacity. • End of block assessment. Remainder of lessons will be consolidation lessons.	
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