

YERBURY PRIMARY SCHOOL OVERVIEW – Maths

The subject leader and other school staff use this overview to ensure that there is curriculum coverage across the school.

For additional breakdown of concepts, there is a year group break down and staff use a combination of NCETM PD materials and White Rose when planning half-termly and weekly. Teachers also refer to the instant recall facts document to help ensure children learn expected facts for their year group.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS R	Getting to Know You Settling in Positional language Just Like Me Patterns, pairs, compare objects, odd one out Numberblocks - Oneness	1, 2, 3 Comparison and composition Circles and Triangles Numbers to five Comparison and composition. One more and less. Shapes with four sides. Night and Day.	Numbers to five Introduce 0. Comparison and composition. Compare mass and capacity. 6,7,8 Introduce. Pairs. Combining two groups. Length and Height.	9 and 10 Comparison, composition and combination. Bonds to 10. 3D shapes and patterns. Consolidation	Continue to consolidate: subitising, counting, composition to 10, sorting and ordering. To 20 and beyond. 10 and bit structure of teen numbers. Patterns and spatial reasoning. First, then, now. Adding and subtraction stories.	Doubling, Sharing and Grouping Even and odd. Spatial reasoning. Patterns and Relationships. Spatial Reasoning Consolidation
Year 1	Number Part – whole Composition of number up to 10 Comparisons <u>NCETM</u>	Number Additive structures Addition and subtraction strategies (within 10) <u>NCETM</u>	Number Addition and Subtraction Two-digit number composition 20-100 then 11-19 Multiples of 10 up to 100 <u>NCETM</u>	Number Multiplication and Division Unitising and coins. Grouping and counting in groups (2,5,10,20) <u>NCETM</u>	Shape Recognise, name and sort 2-D and 3-D shapes Measure Height, Length, Weight	Measure Time Geometry Position and Direction Consolidation
Year 2	Number composition of number to 100 Bridging 10 Subtraction as difference <u>NCETM</u>	Number Addition and Subtraction Two digit and single digit numbers. Two digit and multiples of 10. <u>NCETM</u> Multiplication and Division Equal groups Commutativity groups of 2 <u>NCETM</u>	Multiplication and Division Commutativity doubling and halving Times tables: Grouping 10s and 5s Quotative and partitive division. <u>NCETM</u>	Shape Properties of shape Addition and Subtraction Two digit and Two digit numbers <u>NCETM</u>	Measure Length, height, volume, weight Fractions Equal parts Halves Quarters (unit fractions)	Position and Direction Statistics Measure Time Consolidation

Year 3	<p>Number Composition of 100 and bridging 100 and three digit numbers <u>NCETM</u></p>	<p>Number Addition and Subtraction Securing mental calculations to 999 Multiplication and Division 2, 4 and 8 times table and the relationship <u>NCETM</u> Roman numerals linked to Rome history lessons</p>	<p>Multiplication and Division 2,4 and 8 times table relationship 3 x table Column Addition <u>NCETM</u> Measure Length and Perimeter</p>	<p>Multiplication and Division 3,6,9x relationships. Column Subtraction <u>NCETM</u></p>	<p>Fractions Unit fractions Non-unit fractions Adding and subtracting fractions within 1 <u>NCETM</u></p>	<p>Measure Time Measure Length, Mass and capacity Multiplication and Division 7x table and consolidation</p>
Year 4	<p>Addition and Subtraction Composition and calculation Four digit numbers. Multiplication and Division Distributive Law 11 and 12 times tables <u>NCETM</u></p>	<p>Multiplication and Division Multiplying and dividing by 10, 100 Division with remainders <u>NCETM</u></p>	<p>Addition and Subtraction Composition and calculation: tenths, hundredths, thousandths. Money addition and subtraction <u>NCETM</u></p>	<p>Multiplication and Division Partitioning leading to short multiplication and division Measure Area and perimeter <u>NCETM</u></p>	<p>Fractions Improper and mixed numbers. Multiplying whole by fractions. Scaling <u>NCETM</u> Statistics Time – 12 hr to 24hr</p>	<p>Shape Angles Symmetry Measure Length, Perimeter, area Position and Direction Lines of symmetry Consolidation</p>
Year 5	<p>Addition and Subtraction Composition and calculation up to 1,000,000 Rounding Negative numbers Equivalency and compensation <u>NCETM</u></p>	<p>Multiplication and Division Equivalency to calculate Decimals multiply and divide by whole numbers Multiplication 3 factors + volume Prime, square, composite numbers <u>NCETM</u></p>	<p>Fractions Equivalent fractions and simplifying Adding and subtracting fractions <u>NCETM</u></p>	<p>Multiplication and Division / Measure Area and Perimeter contexts Statistics – computing link</p>	<p>Shape / Geometry Angles Protractor measuring around a point Position and Direction Reflection Translation</p>	<p>Shape / Geometry Properties of shape Measure Converting units Volume, mass Consolidation</p>

Year 6	<p>Addition and Subtraction Composition and calculation to 10 million. <u>NCETM</u></p> <p>Multiplication and Division Strategies for larger numbers and long multiplication Dividing by 2 digits. <u>NCETM</u></p>	<p>Multiplication and Division Strategies for larger numbers and long multiplication. Compensation.</p> <p>Algebra</p> <p>Fractions Multiplying and dividing <u>NCETM</u></p>	<p>Fractions Multiplying and dividing fractions. Linking decimals, percentages, fractions. <u>NCETM</u></p>	<p>Multiplication + D Mean average Ratio and proportion Scale factors Decimal Place Value knowledge. <u>NCETM</u></p> <p>Area and Perimeter <u>NCETM</u></p>	<p>Problems with two unknowns <u>NCETM</u></p> <p>Properties of Shape Angles in triangles, straight lines, quadrilaterals. Draw shapes accurately.</p> <p>Statistics</p>	<p>Consolidation</p> <p>Problem solving / Investigations</p>
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