

PHIA Academy Curriculum

Maths Quick Overview

Subject	Maths					
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
EYFS	<p>Numbers to 5 Know and recognise numbers 1-5</p> <p>Numbers to 10 Know and recognise numerals 1 – 10.</p> <p>2D shapes Name 2D shapes and begin to describe properties of 2D shapes</p> <p>One more One more than numbers to 5 and 10.</p>	<p>Number bonds to 5 Understand number bonds to 5 (addition).</p> <p>Addition within 10 One less Understand the term one less.</p> <p>Subtraction within 10 Pattern Explore and represent patterns within numbers to 10 including evens and odds.</p>	<p>3D shapes Name and describe 2D and 3D shapes and select a particular named shape.</p> <p>Number bonds to 10 Teen Numbers Recognise numbers 11-20</p> <p>Odd and Even Numerical patterns Explore and represent patterns within numbers to 10 including evens and odds.</p>	<p>Recap numbers to 20 Doubling Pupils will know the term doubling.</p> <p>Halving Sharing Understand sharing equally.</p> <p>Length and Measure Measure length and height using different non – standard measures.</p>	<p>Number bonds to 10 Subitising 2D and 3D shapes Name 2D and 3D shapes and begin to describe properties of them.</p> <p>Teen numbers Height and weight Measure length and height using different non – standard measures.</p>	<p>Addition to 20 Missing numbers Find missing number in a variety of number patterns.</p> <p>Addition and subtraction Problem Solving Capacity Pupils will understand capacity – fully, empty, half full, nearly full etc</p>
Year 1	<p>Number: Place Value (within 10) Count to 10, forwards and backwards from a given number. Read, write and count to 10.</p> <p>Number – Addition and Subtraction (within 10) Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs. Represent and use number bonds and related subtraction facts within 10. Add and subtract one-digit numbers to 10. Solve one step problems</p>	<p>Geometry – Shape Recognise and name common 2-D and 3-D shapes</p> <p>Number Place Value (within 20) Count to twenty, forwards and backwards from any given number. Count, read and write numbers to 20 in numerals and words.</p> <p>Measurement Weight and Volume Measure and begin to record mass/weight, capacity and volume. Compare, describe and solve practical problems involving mass/weight and capacity/volume.</p>	<p>Addition and subtraction (within 20) Represent and use number bonds and related subtraction facts within 20. Add and subtract one-digit numbers to 20. Solve one step problems that involve addition and subtraction.</p> <p>Number: place value: (within 50) (multiples of 2,5,10 included) Count to 50 forwards and backwards from any number. Count, read and write numbers to 50 in numerals.</p>	<p>Measurement – Length and height Measure and record length and height. Compare, describe and solve practical problems involving length and height.</p> <p>Measurement – Time Sequence events. Recognise and use language relating to dates, including days of the week, weeks, months and years. Tell the time to o'clock and half past.</p>	<p>Number: multiplication and division. Count in multiples of twos, fives and tens.</p> <p>Number: Fractions Recognise, find and name a half and a quarter of an object, shape or quantity.</p> <p>Geometry: Position and Direction Describe position, direction and movement, including whole, half, quarter and three-quarter turns.</p>	<p>Number: place value (within 100) Count to and across 100, forwards and backwards, from any given number. Count, read and write numbers to 100 in numerals.</p> <p>Measurement – Money Recognise and know the value of different denominations of coins and notes.</p>

	that involve addition and subtraction.					
Year 2	<p>Number: Place Value Recognise the place value of each digit in a two-digit number (tens, ones) Compare and order numbers</p> <p>Number: Addition and Subtraction Solve problems with addition and subtraction, using concrete objects and pictorial representations. Use number bonds to 10 and 20.</p>	<p>Number: Multiplication and Division Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.</p>	<p>Number: Fractions Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity. Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.</p> <p>Statistics Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.</p> <p>Geometry: Properties of Shape Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line. Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.</p>	<p>Measurement: Money Recognise and use symbols for £ and p and combine to make a particular value the same amounts of money.</p> <p>Measurement: Length and Height Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm)</p> <p>Measurement: Time Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.</p>	<p>Geometry: Position and Direction Use mathematical vocabulary to describe position, direction and movement.</p> <p>Measurement: Capacity and Temperature Choose and use appropriate standard units to estimate and measure temperature ($^{\circ}\text{C}$); capacity (litres/ml), to the nearest appropriate unit</p>	<p>Problem Solving and Efficient Methods Use acquired skills from all topics within Maths and apply these to further problem solving challenges.</p>
Where next for further information	Curriculum Overview	→	Curriculum Knowledge Progression	→	Year group Overview	