

### Curriculum Plans – Key Stage 2 Year 4 Mathematics

Please find below a detailed outline of the curriculum covered in Mathematics through Year 4 in Upper Primary.

#### Year 4

	Term 1.1	Term 1.2	Term 2.1	Term 2.2	Term 3.1	Term 3.2
<b>Topics</b>	<b>The Number System</b>	<b>Probability</b>  4.1 Likelihood  <b>Multiplication , Multiples and Factors</b>  5.1 Tables, Multiplication and Factors	<b>Fractions</b>  7.1 Understanding Fractions  7.2 Fractions as Operators  <b>Angles</b>  8.1 Comparing Angles	<b>Collecting and Recording Data</b>  10.1 How to collect and record data  <b>Fractions and Percentages</b>  11.1 Equivalence, Comparing and Ordering Fractions	<b>Addition and Subtraction</b>  13.1 Adding and Subtracting Efficiently  13.2 Adding and Subtracting Fractions with the Same Denominator  <b>Area and Perimeter</b>  14.1 Estimating Area and Perimeter  14.2 Area and Perimeter of Rectangles  <b>Special Numbers</b>	<b>Data Display and Interpretation</b>  16.1 Displaying and Interpreting Data  <b>Multiplication and Division</b>  17.1 Using an Efficient Column Method for Multiplication  17.2 Using an Efficient Method for Division  <b>Position, Direction and Movement</b>
	1.1 Counting and Sequences					
	1.2 Negative Numbers					
	1.3 Understanding Place Value	5.2 Multiplication	8.2 Acute and Obtuse	11.2 Percentages		
	<b>Time and Timetables</b>	<b>2D Shapes</b>  6.1 2D Shapes and Tessellation  6.2 Symmetry	<b>Comparing, Rounding and Dividing</b>  9.1 Rounding, Ordering and Comparing Whole Numbers	<b>Investigating 3D Shapes and Nets</b>  12.1 The Properties of 3D Shapes		
	2.1 Time					
	2.2 Timetables and Time Intervals					
	<b>Addition and Subtraction of Whole Numbers</b>					

	3.1 Using a symbol to represent a missing number or operation (Algebra)  3.2 Addition and Subtraction of Whole Numbers  3.3 Generalising with Odd and Even Numbers		9.2 Division of 2-digit numbers	12.2 Nets of 3D shapes	15.1 Ordering and Comparing Numbers  15.2 Working with Special Numbers  15.3 Tests of Divisibility	18.1 Position and Movement  18.2 Reflecting 2D Shapes
<b>Assessment</b>	Cambridge progression check	Cambridge progression check	Cambridge progression check	Cambridge progression check	Cambridge progression check	Cambridge progression check
<b>Support Materials</b>	Cambridge International Primary Mathematics Digital Hub, TTRS, NCETM, WRM					
<b>Extension (Stretch/Challenge)</b>	Cambridge stretch and challenge, NCETM activities, teacher questioning, open-ended learning opportunities, and Home Learning assignments.					