



**Key Learning in Maths – Year 1**  
**Haslingden St. James' C. E. Primary School**  
**Curriculum Map 2023-2024 with Key Objectives**



**Autumn Term**

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<b>Autumn 1</b>	<b>PLACE VALUE</b> <ul style="list-style-type: none"> <li>● Sort and count objects in both small and larger groups</li> <li>● Represent objects as numbers</li> <li>● Recognise numbers as words</li> <li>● Count on from any number</li> <li>● Find 1 more and 1 less from numbers within ten</li> <li>● Use correct mathematical vocabulary (fewer, more, same, less than, greater than, equal)</li> <li>● Compare and order numbers and objects.</li> <li>● Identify numbers on a number line.</li> </ul>					<b>ADDITION AND SUBTRACTION</b> <ul style="list-style-type: none"> <li>● Use part-whole models within ten.</li> <li>● Write number sentences.</li> </ul>
<b>Autumn 2</b>	<b>ADDITION AND SUBTRACTION</b> <ul style="list-style-type: none"> <li>● Identify fact families.</li> <li>● Recall and use number bonds to ten.</li> <li>● Solve addition problems by adding together and adding more.</li> <li>● Solve subtraction problems by finding a part and using a numberline.</li> </ul>				<b>SHAPE</b> <ul style="list-style-type: none"> <li>● Recognise and name 3D shapes</li> <li>● Sort 3D shapes based on their properties.</li> <li>● Recognise and name 2D shapes</li> <li>● Sort 2D shapes based on their properties.</li> <li>● Identify patterns within 2 and 3D shapes.</li> </ul>	

## Spring Term

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<b>Spring 1</b>	<b>PLACE VALUE (within 20)</b> <ul style="list-style-type: none"> <li>● Count within 20</li> <li>● Show an understand of the place value of 11, 12, 13, 14, 15, 16, 17, 18, 19 and 20.</li> <li>● Identify numbers on a number line up to 20.</li> <li>● Estimate and compare and order numbers up to 20</li> </ul>			<b>ADDITION AND SUBTRACTION</b> <ul style="list-style-type: none"> <li>● Add by counting on and use number bonds within 20.</li> <li>● Use doubles and near doubles to add within 20.</li> <li>● Subtract using number bonds and by counting back and finding the difference.</li> <li>● Identify related addition and subtraction facts.</li> <li>● Solve missing number problems involving addition and subtraction within 20.</li> </ul>		
<b>Spring 2</b>	<b>PLACE VALUE (within 50)</b> <ul style="list-style-type: none"> <li>● Count from 20 to 50.</li> <li>● Count in tens by making groups of tens and ones.</li> <li>● Partition 2 digit numbers into tens and ones.</li> <li>● Identify and use a number line up to 50.</li> <li>● Find 1 more and 1 less of numbers up to 50.</li> </ul>	<b>LENGTH AND HEIGHT</b> <ul style="list-style-type: none"> <li>● Compare lengths and heights of objects.</li> <li>● Measure the length of objects using non-standard units and centimetres.</li> </ul>		<b>MASS AND VOLUME</b> <ul style="list-style-type: none"> <li>● Compare the mass of objects using 'lighter' and 'heavier'.</li> <li>● Measure and compare the mass of different objects.</li> <li>● Describe containers as 'full' or 'empty'.</li> <li>● Compare and measure volume and capacity.</li> </ul>		

## Summer Term

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<b>Summer 1</b>	<b>MULTIPLICATION AND DIVISION</b> <ul style="list-style-type: none"> <li>Count in 2s, 10s and 5s.</li> <li>Recognise groups of equal amounts and add them up.</li> <li>Make arrays to represent multiplication facts.</li> <li>Double amounts.</li> <li>Make equal groups by grouping and sharing</li> </ul>			<b>FRACTIONS</b> <ul style="list-style-type: none"> <li>Recognise and find half of an object or shape.</li> <li>Recognise and find half of a quantity</li> <li>Recognise and find a quarter of an object or shape.</li> <li>Recognise and find a quarter of a quantity</li> </ul>		<b>GEOMETRY – POSITION AND DIRECTION</b> <ul style="list-style-type: none"> <li>Describe turns</li> <li>Describe position (left, right, forwards, backwards, above and below)</li> <li>Use ordinal numbers</li> </ul>
<b>Summer 2</b>	<b>PLACE VALUE (within 100)</b> <ul style="list-style-type: none"> <li>Count from 50 to 100</li> <li>Count in tens to 100</li> <li>Partition 2 digit numbers into tens and ones.</li> <li>Identify and use a number line up to 100.</li> <li>Find 1 more and 1 less of numbers up to 100.</li> <li>Compare any two numbers up to 100</li> </ul>	<b>MEASUREMENT Money</b> <ul style="list-style-type: none"> <li>Recognise the value of coins and notes</li> <li>Count in coins</li> </ul>		<b>TIME</b> <ul style="list-style-type: none"> <li>Describe whether something happens before or after something else.</li> <li>Understand how many days are in a week and how many months are in a year</li> <li>Understand how many seconds are in a minute and how many minutes in an hour</li> <li>Tell time to the nearest half hour.</li> </ul>		<b>CONSOLIDATION AND REVISION</b>

<p><b>Number – number and place value</b></p> <ul style="list-style-type: none"> <li>Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.</li> <li>Count in multiples of twos, fives and tens.</li> <li>Read and write numbers to 100 in numerals.</li> <li>Read and write numbers from 1 to 20 in numerals and words.</li> <li><i>Begin to recognise the place value of numbers beyond 20 (tens and ones).</i></li> <li>Identify and represent numbers using objects and pictorial representations including the number line.</li> <li>Use the language of: equal to, more than, less than (fewer), most, least.</li> <li>Given a number, identify one more and one less.</li> <li><i>Recognise and create repeating patterns with numbers, objects and shapes.</i></li> <li><i>Identify odd and even numbers linked to counting in twos from 0 and 1.</i></li> <li><i>Solve problems and practical problems involving all of the above.</i></li> </ul>	<p><b>Number – addition and subtraction</b></p> <ul style="list-style-type: none"> <li>Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.</li> <li>Represent and use number bonds and related subtraction facts within 20.</li> <li>Add and subtract one-digit and two-digit numbers to 20, including zero (<i>using concrete objects and pictorial representations</i>).</li> <li>Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = \square - 9</math>.</li> </ul>	<p><b>Number – multiplication and division</b></p> <ul style="list-style-type: none"> <li><i>Recall and use doubles of all numbers to 10 and corresponding halves.</i></li> <li>Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</li> </ul>
<p><b>Number – fractions</b></p> <ul style="list-style-type: none"> <li><i>Understand that a fraction can describe part of a whole.</i></li> <li><i>Understand that a unit fraction represents one equal part of a whole.</i></li> <li>Recognise, find and name a half as one of two equal parts of an object shape or quantity (<i>including measure</i>).</li> </ul> <p>Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity (<i>including measure</i>).</p>	<p><b>Geometry – properties of shapes</b></p> <ul style="list-style-type: none"> <li>Recognise and name common 2-D shapes, including rectangles (including squares), circles and triangles. Recognise and name common 3-D shapes, including cuboids (including cubes), pyramids and spheres.</li> </ul>	<p><b>Geometry – position and direction</b></p> <ul style="list-style-type: none"> <li>Describe movement, including whole, half, quarter and three-quarter turns.</li> <li><i>Recognise and create repeating patterns with objects and shapes.</i></li> </ul> <p>Describe position and direction.</p>
<p><b>Measurement</b></p> <ul style="list-style-type: none"> <li>Measure and begin to record: <ul style="list-style-type: none"> <li>- lengths and heights, <i>using non-standard and then manageable standard units (m/cm)</i></li> <li>- mass/weight, <i>using non-standard and then manageable standard units (kg/g)</i></li> <li>- capacity and volume <i>using non-standard and then manageable standard units (litres/ml)</i></li> <li>- time (hours/minutes/seconds)</li> </ul> </li> </ul> <p><i>within children’s range of counting competence.</i></p>	<p><b>Statistics</b></p> <ul style="list-style-type: none"> <li><i>Sort objects, numbers and shapes to a given criterion and their own.</i></li> <li><i>Present and interpret data in block diagrams using practical equipment.</i></li> <li><i>Ask and answer simple questions by counting the number of objects in each category.</i></li> </ul> <p><i>Ask and answer questions by comparing categorical data.</i></p>	

- Compare, describe and solve practical problems for:
    - lengths and heights (for example, long / short, longer / shorter, tall / short, double / half).
    - mass/weight (for example, heavy / light, heavier than, lighter than).
    - capacity and volume (for example, full/empty, more than, less than, half, half full, quarter).
    - time (for example, quicker, slower, earlier, later).
  - Recognise and use language relating to dates, including days of the week, weeks, months and years.
  - Sequence events in chronological order using language (for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening).
  - Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.
- Recognise and know the value of different denominations of coins and notes.