## **Mathematics**

## **Key Learning Indicators of Performance: Year 1**



Number – fractions	Geometry – properties of shapes	Measurement
<ul> <li>Understand that a fraction can describe part of a whole.</li> <li>Understand that a unit fraction represents one equal part of a whole.</li> <li>Recognise, find and name a half as one of two equal parts of an object shape or quantity (including measure).</li> <li>Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity (including measure).</li> </ul>	<ul> <li>Recognise and name common 2-D shapes, including rectangles (including squares), circles and triangles.</li> <li>Recognise and name common 3-D shapes, including cuboids (including cubes), pyramids and spheres.</li> <li>Describe movement, including whole, half, quarter and three-quarter turns.</li> <li>Recognise and create repeating patterns with objects and shapes.</li> <li>Describe position and direction.</li> </ul>	<ul> <li>Measure and begin to record:         <ul> <li>lengths and heights, using non-standard and then manageable standard units (m/cm)</li> <li>mass/weight, using non-standard and then manageable standard units (kg/g)</li> <li>capacity and volume using non-standard and then manageable standard units (litres/ml)</li> <li>time (hours/minutes/seconds)</li> <li>within children's range of counting competence.</li> </ul> </li> <li>Compare, describe and solve practical problems for:         <ul> <li>lengths and heights (for example, long / short, longer / shorter, tall / short, double / half).</li> <li>mass/weight (for example, heavy / light, heavier than, lighter than).</li> <li>capacity and volume (for example, full/empty, more than, less than, half, half full, quarter).</li> <li>time (for example, quicker, slower, earlier, later).</li> <li>Recognise and use language relating to dates, including days of the week, weeks, months and years.</li> <li>Sequence events in chronological order using language (for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening.</li> <li>Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.</li> <li>Recognise and know the value of different denominations of coins and notes.</li> </ul> </li> </ul>
		<ul> <li>Statistics</li> <li>▶ Sort objects, numbers and shapes to a given criterion and their own.</li> <li>▶ Present and interpret data in block diagrams using practical</li> </ul>

- Present and interpret data in block diagrams using practical equipment.
- Ask and answer simple questions by counting the number of objects in each category.
- ► Ask and answer questions by comparing categorical data.

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