



Abbey Primary School
Reception – Knowledge and Skills in Maths



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Starting Point	'Magical Me'	'Sparkle & Shine'	'What is your superpower?'	'Once upon a time'	'Our Wonderful World'	'Imagine'
Areas of learning covered.	1:1 counting. Recognising and ordering numbers to 10. Formation of written numbers. Subitising. Counting groups of objects. 2D Shapes. Pattern.		Weight and Capacity. Length. Money. Number bonds to 5. Counting to 20. Addition and subtraction. 3D Shapes.		Addition and subtraction. Time. Units of measurement. More/less. Recognising and ordering numbers to 20.	
Reception Skills	To count up to 10 objects with 1:1 correspondence. To match quantities to numeral. To begin to recognise numbers automatically on a dice/card to 5.	To find the total of 2 groups of objects. To order numbers to 10. To identify 2D shapes and talk about their properties. To begin to recognise numbers automatically on a dice/card to 5. To be able to count to 10 independently.	To use non-standard units to measure length, weight and capacity. To use money during role play activities to buy items. To begin to explore number bonds to 5. To be able to count to 20 independently.	To use objects to solve addition and subtraction problems. To share objects between a group of people equally. To explore number bonds to 10.	To know that addition and subtraction problems can be solved by counting forwards or backwards on a number line. To use rulers to measure length, scales to measure weight and jugs/containers to measure capacity. To read the time to O'clock on a digital and analogue clock.	To know addition and subtraction problems can be solved by counting forwards or backwards on a number line. To use rulers to measure length, scales to measure weight and jugs/containers to measure capacity. To make observations of and compare length, weight and capacity.



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Reception Knowledge	<p>To say the number names to 10 in order.</p> <p>To recognise number to 10.</p> <p>To write numbers to 10, forming them correctly.</p>	<p>To know that addition involves combining two or more groups of objects.</p> <p>To begin to read addition number sentences.</p> <p>To say number names to 10 in order.</p> <p>To know the names of 2D shapes.</p> <p>To know that 2D shapes can have sides and corners.</p> <p>To say the days of the week in order.</p> <p>To begin to say the months of the year in order.</p> <p>To know that patterns are repeated designs.</p>	<p>To know the names of basic 2D shapes.</p> <p>To know the names of basic 3D shapes.</p> <p>To know that 2D shapes can have corners and side.</p> <p>To know that length, capacity and weight can all be measured.</p> <p>To know that money can be used to buy items.</p> <p>To understand and use a range of prepositions in everyday contexts.</p> <p>To know the difference between odd and even.</p>	<p>To know that addition involves combining two or more groups of objects.</p> <p>To read addition number sentences.</p> <p>To know that subtraction involves removing an object from a group.</p> <p>To know the names of some 3D shapes.</p> <p>To know that 3D shapes have faces, vertices and edges.</p> <p>To be able to count, order and recognise numbers to 20.</p> <p>To use a number line to help solve simple addition and subtraction number problems</p>	<p>To know that the word 'more' indicates that the group is getting larger.</p> <p>To know that the word 'less' indicates that a group is getting smaller.</p> <p>To be able to count, order and recognise numbers to 20. To count forwards and backwards to 20.</p> <p>To know that length, weight and capacity can be measured using standard units.</p> <p>To know that halving means splitting a quantity in two and doubling means having two quantities of the same amounts.</p> <p>To know that sharing equally means everyone has the same amount of an object.</p> <p>To know that the long hand represents the minutes and the short hand represents hours.</p>	<p>To know the names of some 3D shapes.</p> <p>To know that 3D shapes can have faces, vertices and edges.</p> <p>To know that addition involves combining groups of objects.</p> <p>To read number addition sentences.</p> <p>To be able to count, order and recognise numbers to 20.</p>