



Subject: Mathematics

SOW: Power Maths from YR

Long Term Plan

Year group	Autumn term		Spring term		Summer term	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	<p><u>(Number) ONE</u> Have a deep understanding of the number one using a maths mastery approach. (Numerical Patterns) CIRCLE Properties of a circle Circles in the environment Verbally comparing mass and size in play</p>	<p><u>(Number) TWO</u> Have a deep understanding of the number two using a maths mastery approach. (Numerical Patterns) SEMI CIRCLE Properties of a Semi-circle. Semi Circles in the environment. Verbally comparing length. Verbally comparing height. Using shapes in play.</p>	<p><u>(Number) THREE</u> Have a deep understanding of the number three using a maths mastery approach. Subitise 3. (Numerical Patterns) TRINAGLE Begin to develop an awareness of the properties of a Triangle. Triangles in the environment. Understand Positional language/behind/in front of/under/ on top</p>	<p><u>(Number) FOUR</u> Have a deep understanding of the number four using a maths mastery approach. (Numerical Patterns) SQUARES AND RECTANGLES Begin to develop an awareness of the properties of a square and rectangle. Begin to name the day of the week correctly. Awareness of time. Repeating patterns with adult support.</p>	<p><u>(Number) FIVE</u> Have a deep understanding of the number five using a maths mastery approach. (Numerical Patterns) PENTAGON Begin to develop an awareness of the properties of a pentagon. Pentagons in the environment. Beginning to independently make repeating patterns and spot errors. Use positional language e.g. next to/behind/in front of/under/ on top Create a pattern following instruction.</p>	<p><u>(Number) 1-10</u> Re-cap learning of 1-5 Talk about some numbers beyond 10. (Numerical Patterns) Re-cap prior learning Compare the attributes of two or more objects for example, both containers are full. Both containers empty. Compare capacity this ...holds the most ...the least Shape: recap all previous shapes learnt to consolidate learning.</p>
Reception	<p>Number and place value – number to 5 Number and place value – compare groups within 5 Geometry – 3d shapes Geometry – 2d shapes</p>	<p>Number addition and subtraction – one more and one less Number addition and subtraction – number bonds within 5 Geometry – spatial awareness</p>	<p>Number – number and place value – numbers to 10 Number – number and place value – comparing numbers within 10 Number addition and subtraction – addition to 10</p>	<p>Measurement - length, height, distance Measurement – weight Number addition and subtraction – number bonds to 10 Number – subtraction Geometry – exploring patterns</p>	<p>Number addition and subtraction – counting on and back Number and place value – numbers to 20 Numerical patterns –doubling, halving and sharing, odd and evens,</p>	<p>Geometry – composing and decomposing shapes Measurement – volume and capacity Number addition and subtraction – Sorting into groups Measurement – time – my day</p>
Year 1	<p>Number – Place Value – to 10 Number addition and subtraction - within 10</p>	<p>Number addition and subtraction Geometry – 2D and 3D shape Number and place value – number to 20</p>	<p>Number - addition within 20 Number subtraction – within 20 Number and place value – numbers to 50</p>	<p>Measurement – length and height Measurement – weight and volume</p>	<p>Number – Multiplication Number - division Number – fractions – halves and quarters</p>	<p>Geometry Position and direction Number and place value – numbers to 100 Measurement – time Measurement - money</p>
Year 2	<p>Number and place value – numbers to 100 Number – addition and subtraction</p>	<p>Measurement – money Number – multiplication and division</p>	<p>Number – multiplication and division Statistics Measurement – length and height</p>	<p>Geometry – properties of shapes Number - Fractions</p>	<p>Geometry – position and direction Number addition and subtraction – problem solving and efficient methods</p>	<p>Measurement – time Measurement – weight, volume and temperature</p>
Year 3	<p>Number and place value – within 1000 Number - addition and subtraction</p>	<p>Number – addition and subtraction Number -multiplication and division</p>	<p>Number – multiplication and division Measurement – money Statistics</p>	<p>Measurement – length Number - fractions</p>	<p>Number – fractions Measurement – time Geometry – angles and properties of shape</p>	<p>Measurement - Mass Measurement - Capacity</p>
Year 4	<p>Number and place value – 4-digit numbers Number – addition and subtraction</p>	<p>Measurement – perimeter Number – multiplication and division</p>	<p>Number – multiplication and division Measurement - area</p>	<p>Number – fractions Number - decimals</p>	<p>Number – decimals Measurement – money Measurement – time</p>	<p>Statistics Geometry – Angles 2d shapes Geometry – position and direction</p>
Year 5	<p>Number and place value – within 100,000 Number and place value – within 1,000,000 Number addition and subtraction</p>	<p>Statistics – graphs and tables Number – multiplication and division Measurement – Area and perimeter</p>	<p>Number – multiplication and division Number - Fractions 1 & 2</p>	<p>Number - Fractions 3 Number - Decimals and percentages</p>	<p>Number – decimals Geometry – properties of shapes 1 & 2</p>	<p>Geometry – position and direction Measurement – converting units Measurement – volume and capacity</p>

Year 6	Number and place value – within 10, 000,000 Number - 4 operations 1 & 2	Number – fractions 1 & 2 Geometry – position and direction	Number – decimals Number – percentages Algebra Measurement – imperial and metric measures	Measurement – area, perimeter, volume Ratio and proportion	Geometry – properties of shapes Number and place value – problem solving Statistics	
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