



Colton Primary School

Maths Long Term Plan 2023/24



	<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
Nursery	<p>To begin to take part in finger rhymes with numbers, 5 little ducks, 5 little monkeys.</p> <p>To introduce number representation starting with 1.</p> <p>To begin to recite some number names in sequence.</p>	<p>To introduce number 2.</p> <p>To continue to recite number names in sequence.</p> <p>To begin to name and recognise 2d shapes (square, rectangle, circle, triangle).</p> <p>To begin to explore the properties of 2d shapes and use mathematical language such as 'corners' and 'sides'.</p> <p>To introduce comparing size (big/small, bigger than/smaller than)</p> <p>To explore the mathematical language relating to comparing weight (heavy, light, heavier than, lighter than).</p>	<p>To develop number representation with numbers 1, 2 and introduce 3.</p> <p>To begin to explore subitising</p> <p>To continue to name and recognise 2d shapes (square, rectangle, circle, triangle).</p> <p>To continue to explore the properties of 2d shapes and use mathematical language such as 'corners' and 'sides'.</p> <p>To introduce mathematical language when comparing capacity (full, empty)</p> <p>To begin to notice patterns e.g., stripes on clothes.</p>	<p>To develop number representation with numbers 1, 2, 3 and introduce 4.</p> <p>To continue to explore subitising.</p> <p>To continue to develop mathematical language when comparing height e.g., tall, taller than, short, shorter than.</p> <p>To begin to create own patterns.</p> <p>To begin to create and extend ABABAB patterns.</p>	<p>To develop number representation with numbers 1, 2, 3, 4 and introduce 5.</p> <p>To develop mathematical language when comparing length e.g., long/longer than, short/shorter than.</p> <p>To continue to create and extend ABABAB patterns.</p>	<p>To identify and order numbers 1 to 5.</p> <p>To accurately count out the correct amount of objects for numbers 1-5.</p> <p>To subitise up to 3 objects.</p> <p>To explore and look at numbers beyond 5.</p> <p>To be able to name and select 2d shapes and use some mathematical language to describe them.</p> <p>To begin to explore 3d shapes.</p> <p>To identify errors in patterns and work to correct them.</p>
Reception	<p>To be able to make comparisons.</p> <p>To have a deep understanding of numbers 1, 2, 3- including compositions.</p>	<p>To have a deep understanding of numbers 4, 5- including compositions.</p> <p>To begin to subitise to 5.</p>	<p>To have a deep understanding of numbers 6, 7- including compositions.</p>	<p>To have a deep understanding of numbers 8, 9, 10- including compositions.</p> <p>To revisit all previously learnt 2D shapes.</p>	<p>To have a deep understanding of all numbers to 10- including compositions.</p>	<p>To begin to explore the composition of numbers beyond 10.</p> <p>To be able to find half of a number.</p>



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	<p>To be confident at subitising to 3.</p> <p>To understand the concept of zero.</p> <p>To be able to sort a group of objects according to a criteria.</p> <p>To understand and use the language 'same and different' and 'more and fewer'.</p> <p>To be able to describe and continue a repeating pattern.</p>	<p>To recognise and describe 2d shapes (square, rectangle, circle, triangle).</p> <p>To be able to make comparisons.</p>	<p>To be able to confidently subitise to 5.</p> <p>To be able to compare weight, capacity, and distance.</p> <p>To be able to compare lengths/heights.</p>	<p>To recognise and describe 3d shapes (cube, cuboid, sphere, cone, cylinder.)</p> <p>To begin to double numbers.</p> <p>To begin to explore number bonds to 5.</p> <p>To begin to explore odd and even numbers.</p> <p>To be able to order numbers to 10.</p>	<p>To be able to subitise up to 10 by making groups.</p> <p>To be able to recall some number bonds to 5.</p> <p>To revisit all previously learnt 2D shapes.</p> <p>To begin exploring and naming 3d shapes.</p> <p>To be able to double numbers and recall some double facts.</p> <p>To know the odd and even numbers within 10. To be able to use nonstandard units to measure and compare weight.</p> <p>To begin to explore halving.</p> <p>To begin to share an amount equally (mixed numbers).</p>	<p>To have quick recall of all bonds up to 5 and some up to 10.</p> <p>To be confident naming and describing the 2D and 3D shapes covered over the year.</p> <p>To be confident with double and recall double facts to 10.</p> <p>To be able to share an amount equally (mixed numbers).</p> <p>To be confident knowing the odd and even numbers within 10.</p>
Year 1	<p>Number: Place value (within 10) Addition and subtraction (within 10)</p>	<p>To be able to make comparisons.</p>	<p>To be able to compare weight, capacity, and distance.</p> <p>To be able to compare lengths/heights.</p>	<p>Number: Place value (within 50) Measurement: Length and height Mass and Volume</p>	<p>Number: Multiplication and division Fractions Geometry: Position and direction</p>	<p>Number: Place value (within 100) Measurement: Money Time</p>



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Year 2	Number: Place value Addition and subtraction	Number: Addition and subtraction Geometry: Shape	Measurement: Money Number: Multiplication and division	Number: Multiplication and division Measurement: Length and height Mass, capacity, and temperature	Number: Fractions Measurement: Time	Statistics Geometry: Position and direction
Year 3	Number: Place value Addition and subtraction	Number: Addition and subtraction Multiplication and division A	Number: Multiplication and division B Measurement: Length and perimeter	Number: Fractions A Measurement: Mass and capacity	Number: Fractions B Measurement: Money Time	Geometry: Shape Statistics
Year 4	Number: Place value Addition and subtraction	Number: Addition and subtraction Measurement: Area Number: Multiplication and division A	Number: Multiplication and division B Measurement: Length and perimeter	Number: Fractions Decimals A	Number: Decimals B Measurement: Money Time	Geometry: Shape Position and direction Statistics
Year 5	Number: Place value Addition and subtraction	Number: Multiplication and division A Fractions A	Number: Multiplication and division B Fractions	Number: Decimals and percentages Measurement: Perimeter and area Statistics	Geometry: Shape Position and direction	Number: Decimals Negative numbers Measurement: Converting units Volume
Year 6	Number: Place value Addition, subtraction, multiplication, and division	Number: Fractions A Fractions B Measurement: Converting units	Ratio Algebra Number: Decimals	Number: Fractions, decimals, and percentages Measurement: Area, perimeter, and volume Statistics	Geometry: Shape Position and direction	Consolidation Problem solving projects



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