



The Annunciation Catholic Infant School Mathematics Overview 2022 -23



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	<p><u>Number</u> Learn and join in with some number songs using visual support and manipulatives</p> <p><u>Measure, Shape and Spatial Thinking</u> Recognise and name colours in a variety of contexts</p> <p>Explore and match objects which are the same</p> <p>Learn that collections can be sorted into sets based on attributes such as colour or size</p>	<p><u>Number</u> Confidently sort collections into sets knowing that they can be compared and ordered</p> <p>Understand that when making comparisons a set can have more, the same or fewer than another set</p> <p><u>Measure, Shape and Spatial Thinking</u> Comparing objects according to size using appropriate vocabulary</p> <p>Explore patterns</p>	<p><u>Number</u> Identify representations of 1, 2, 3 Explore number 1 and all its characteristics in different contexts</p> <p><u>Measure, Shape and Spatial Thinking</u> Explore and experience weight through carrying items, using heavy, heavier, light... Understand that “heavier” and “bigger” are not necessarily correlated</p> <p><u>Number</u> Explore number 2 and all its characteristics in different contexts:</p>	<p><u>Number</u> Subsidise or count to find out how many, making their own collections of up to 4 objects</p> <p>Explore number 3 and all its characteristics in different contexts: composition</p> <p><u>Measure, Shape and Spatial Thinking</u> Explore length/height using mathematical language</p> <p>Subsidise sets of up to 4 objects to find out how many make their own collections Explore number 4 and all its characteristics in different contexts: count back and forward, composition</p>	<p><u>Number</u> Explore number 5 and all its characteristics in different contexts: count back and forward,</p> <p>Comparing amounts- practically adding more</p> <p><u>Measure, Shape and Spatial Thinking</u> Notice and describe shapes in the environment and talk about the properties using words such as ‘straight/flat/round/curved’</p>	<p><u>Time</u> Talk about night and day and order key events in their daily routines Explore measuring time and use vocabulary related to time: First, then, next, last</p> <p><u>Measure, Shape and Spatial Thinking</u> Capacity, using vocabulary “full” and “empty” and comparing capacities using the same or different containers</p> <p>Explore, understand and use language related to position and direction.</p>



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Reception	<p><u>Baseline</u></p> <p><u>Number</u> Comparing and sorting amounts</p> <p><u>Measure, Shape and Spatial Thinking</u> Comparing size and exploring patterns</p>	<p><u>Number</u> Representing, comparing and composing numbers 1-3</p> <p><u>Measure, Shape and Spatial Thinking</u> Circles and Triangles /Positional language</p> <p><u>Time</u></p> <p><u>Number</u> Representing numbers to 5. One more and less.</p> <p><u>Measure, Shape & Spatial thinking</u> Circles & Triangles Positional language</p> <p><u>Measure, Shape and Spatial thinking:</u> Shapes with 4 sides Time</p>	<p><u>Number</u> Introducing 0 Comparing Numbers to 5 Focussing on 4 & 5 – counting, representing, conceptually subsidise, compare and order, noticing one more and one less patterns.</p> <p><u>Measure, Shape and Spatial thinking:</u> Compare Mass (2) Compare Capacity (2)</p> <p><u>Number</u> Focussing on 6, 7 & 8 – counting, representing, conceptually subsidise, compare and order, noticing one more and one less patterns. Making pairs Addition – Combining 2 groups</p>	<p><u>Measure, Shape and Spatial thinking:</u> Length and Height Time</p> <p><u>Number</u> Focussing on 9 & 10 Comparing Numbers to 10 Bonds to 10</p> <p><u>Measure, Shape and Spatial thinking:</u> 3D shape Patterns (2)</p> <p><u>Consolidation</u></p>	<p><u>Number</u> Building numbers & counting patterns beyond 10</p> <p><u>Measure, Shape and Spatial thinking:</u> Spatial reasoning (Puzzles, matching/rotating shapes, manipulating objects) Positional language</p>	<p><u>Number</u> Addition/Subtraction</p> <p><u>Measure, Shape and Spatial thinking:</u> Spatial reasoning Compose/Decompose</p> <p><u>Number</u> Doubling Sharing & Grouping Odd/Even</p> <p><u>Measure, Shape and Spatial thinking:</u> Spatial reasoning Visualise</p> <p><u>Number</u> Doubling Deepening understanding Patterns & Relationships</p> <p><u>Measure, Shape and Spatial thinking:</u> Spatial reasoning Mapping</p>



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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	<p><u>Number and Place Value –</u> Numbers to 10</p> <p><u>Addition and Subtraction</u> Addition and Subtraction within 10</p>	<p><u>Addition and Subtraction</u> Addition and Subtraction within 10</p> <p><u>Geometry – Properties of shapes:</u> Shape</p> <p><u>Consolidation Assessment Week</u></p>	<p><u>Number and Place Value:</u> Numbers to 20</p> <p><u>Addition and Subtraction</u> Addition and Subtraction within 20 -Calculation strategies within 20</p>	<p><u>Number and Place Value:</u> Numbers to 50</p> <p><u>Measurement: Length & Height</u></p> <p><u>Measurement: Weight and Volume</u></p> <p><u>Consolidation Assessment Week</u></p>	<p><u>Number Multiplication & Division</u></p> <p><u>Number Fractions</u></p> <p><u>Geometry – Position and Direction</u></p>	<p><u>Number and Place Value:</u> Numbers to 100 and beyond</p> <p><u>Measurement: Money</u></p> <p><u>Measurement: Time</u></p> <p><u>Assessment Week</u></p>
Year 2	<p><u>Number: Place Value:</u> Numbers to 100</p> <p><u>Number: Addition and Subtraction</u></p>	<p><u>Number: Addition and Subtraction</u></p> <p><u>Geometry:</u> Recognise and Name Common 2D/3D shapes <u>Geometry:</u> Properties of Shape</p> <p><u>Consolidation Assessment Week</u></p>	<p><u>Number: Multiplication & Division</u> (2, 5, and 10)</p> <p><u>Measurement: Length and height</u></p>	<p><u>Measurement: Mass, Capacity and Temperature</u></p> <p><u>Measurement: Money</u></p> <p><u>Consolidation Assessment Week</u></p>	<p><u>Number: Fractions</u></p> <p><u>Measurement: Time</u></p> <p><u>Statistics</u></p>	<p><u>Geometry – Position and Direction</u></p> <p><u>Addition and Subtraction</u> Calculation strategies</p>