

# Mathematics Topic Overview

## Nursery Mathematics Topic Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Autumn	<b>Number: 1-5</b> Numbers to 5 in play	<b>Number: 1-5</b> Counting to 5	<b>Number: 1-5</b> Counting sets to 5	<b>Number: 1-5</b> Representing numbers with fingers (1-5) Subitising to 5	<b>Number: 1-5</b> Representing numbers with fingers (1-5) Subitising to 5	<b>Number: 1-5</b> Using numbers in play Incidental counting (claps jumps)	<b>Number: 1-5</b> Recite numbers to 10 forwards and backwards	<b>Number: 1-5</b> Linking numerals to amounts to 5	<b>Number: 1-5</b> Conservation of numbers to 5	<b>Number: 1-5</b> Comparison of numbers to 5	<b>Number: 1-5</b> Linking numerals to amounts to 5	<b>Number: 1-5</b> Representing numbers	
	<b>Geometry: Shape</b> Shape pictures	<b>Geometry: Shape</b> Building with shapes	<b>Measure: Size</b> Language related to size	<b>Geometry: Position</b> Positional language	<b>Geometry: Shape</b> Shapes of everyday objects	<b>Measure: Time</b> Language of time & sequencing	<b>Geometry: Shape &amp; Pattern</b> Patterns Shapes in the environment	<b>Geometry: Shape</b> Similarities of shapes in the environment	<b>Measure: Length, weight, capacity</b> Comparisons between objects relating to size, length, weight and capacity	<b>Geometry: Shape</b> Using shapes for a purpose (construction)	<b>Geometry: Shape &amp; Pattern</b> Using shapes for a purpose (pictures and patterns)	<b>Geometry: Shape</b> Using shapes for a purpose (3D modelling)	
Spring	<b>Number: 1-5</b> Counting sets to 10	<b>Number: 1-5</b> Counting sets to 10 and matching numerals	<b>Number: 1-5</b> Subitising to 5	<b>Number: 1-10</b> Counting sets to 10	<b>Number: 1-5</b> Counting and grouping sets in different ways	<b>Number: 1-5</b> Compare quantities using language: 'more than;', 'fewer than'	<b>Number: 1-10</b> Subitising to 5 Counting sets to 10	<b>Number: 1-10</b> Counting and comparing sets	<b>Number: 1-5</b> Solve real world mathematical problems with numbers up to 5	<b>Number: Addition &amp; Subtraction</b> Addition and subtraction	<b>Number: Beyond 10</b> Numbers beyond 10	<b>Number: 1-10</b> Numbers in the real world	
	<b>Geometry: Position</b> Positional language	<b>Geometry: Shape &amp; Pattern</b> Patterns Shapes in the environment	<b>Measure: capacity</b> Capacity	<b>Measure: weight</b> Weight	<b>Geometry: Shape</b> Shape	<b>Measure: Length, weight, capacity</b> Make comparisons between objects relating to size, length, weight and capacity	<b>Measure: Time</b> Days of the week	<b>Measure: Length, weight, capacity</b> Make comparisons between objects relating to size, length, weight and capacity	<b>Geometry: Shape</b> Combine shapes to make new ones	<b>Geometry: Shape</b> 2D shapes	<b>Geometry: Shape &amp; Pattern</b> Recognising and extending patterns	<b>Geometry: Shape</b> Similarities and differences in shapes in the environment	
Summer	<b>Number: 1-5</b> Counting- 1 more and 1 less	<b>Number: 1-5</b> Counting sets and comparing groups	<b>Number: 1-5</b> Counting objects that can't be moved	<b>Number: 1-5</b> Subitizing to 5 Matching numerals to quantity	<b>Number: 1-5</b> Ordering numbers	<b>Number: 1-5</b> Subitizing to 5 Representing number	<b>Number: 1-5</b> Conservation of number	<b>Number: 1-10</b> Reciting numbers	<b>Number: Beyond 10</b> Counting sets to 10 and beyond	<b>Number: Beyond 10</b> Problems with number	<b>Number: 1-10</b> Subitizing to 5 Problems with number	<b>Number: 1-5</b> Problems with number	<b>Number: 1-5</b> Problems with number
	<b>Measure: Length, weight, capacity</b> Make comparisons between objects relating to size, length, weight and capacity	<b>Geometry: Shape &amp; Pattern</b> Generating patterns	<b>Geometry: Shape</b> 3D shapes	<b>Geometry: Position</b> Positional language	<b>Geometry: Position &amp; Direction</b> Describe a familiar route	<b>Measure: Time</b> Everyday language related to time	<b>Geometry: Shape</b> Properties of shape	<b>Measure: Time</b> Sequence events using words first, then.	<b>Geometry: Shape</b> 2D shape	<b>Geometry: Shape &amp; Pattern</b> Recognising and extending patterns	<b>Geometry: Shape &amp; Pattern</b> Recognising and extending patterns	<b>Geometry: Shape</b> Problems with shape	<b>Measure: Money</b> Money

# Reception Mathematics Topic Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Autumn	<b>Number: Counting</b> Number 1:1 correspondence	<b>Number: Counting</b> 1:1 matching to 5 Subitising to 5 Reciting numbers to 10	<b>Number: Counting and numerals</b> Counting to 20 Matching Numerals	<b>Number: Representing</b> Subitising with dice to 6 Use dots for tallies and games	<b>Number: Composition to 5</b> Number Separating groups in different ways to 5	<b>Number: Comparison</b> Comparing numbers	<b>Number: Composition to 10</b> Explore the composition of numbers to 10	<b>Number: Ordering</b> Numbers to 10 Ordering	<b>Number: Composition to 10</b> Subitising with 10s frame	<b>Number: Comparison</b> Comparing numbers to 10	<b>Number: Composition to 10</b> Explore the composition of numbers to 10	<b>Number: Composition</b> Subitising with 10s frame	<b>Number: Subitising</b> Subitising
			<b>Geometry: Shape</b> Shape Properties of 2D & 3D shape			<b>Geometry: Shape &amp; Pattern</b> Patterns Continue, copy and create repeating patterns			<b>Measure: Length</b> Length	<b>Geometry: Shape &amp; Pattern</b> Continue, copy and create repeating patterns	<b>Measure: Length, weight, capacity</b> Height Capacity	<b>Measure: Money</b> Money Role play	<b>Measure: Length</b> Length
Spring	<b>Number: Composition to 10</b> Composition of a number	<b>Number: Addition</b> 1 more	<b>Number: Subtraction</b> 1 less	<b>Number: Ordering &amp; Estimating</b> Ordering Estimating	<b>Number: Addition</b> Doubles	<b>Number: Halving</b> Halving	<b>Number: Composition to 10</b> Composition of a number	<b>Number: Addition</b> Addition to 10	<b>Number: Addition</b> Number bonds to 5	<b>Number: Addition</b> 1 More	<b>Number: Subtraction</b> 1 less	<b>Number: Subtraction</b> Subtraction facts within 10	
		<b>Measure: Length, weight, capacity</b> Capacity and weight	<b>Geometry: Shape &amp; Pattern</b> Continue, copy and create repeating patterns					<b>Geometry: Position &amp; Direction</b> Positional language	<b>Geometry: Shape</b> 2D and 3D shapes	<b>Measure: weight</b> Weight and balance	<b>Measure: Time</b> Time Sequencing		
Summer	<b>Number: Addition</b> Number bonds to 10	<b>Number: Addition</b> Doubles Problem solving	<b>Number: Addition &amp; Subtraction</b> Number- halving & doubling including odd numbers	<b>Number: counting to 100</b> Number Counting to 100 Real life problems	<b>Number: Patterns</b> Patterns in 100 squares	<b>Number: Addition</b> Number bonds to 10	<b>Number: Patterns</b> Exploring pattern-odd and even numbers	<b>Number: Patterns</b> Doubles Patterns in 100 squares	<b>Number: Addition</b> Addition to 10	<b>Number: Subtraction</b> Subtraction within 10	<b>Number: Addition &amp; Subtraction</b> Investigating and solving problems with number	<b>Number: Addition &amp; Subtraction</b> Investigating and solving problems with number	<b>Number: Addition &amp; Subtraction</b> Addition and subtraction within 10
		<b>Measure: Time</b> Time Days of the week. Months of the year	<b>Measure: Length, weight, capacity</b> Measuring comparisons		<b>Geometry: Shape</b> Compose and decompose shapes			<b>Measure: Time</b> Time Sequencing events	<b>Measure: Money</b> Money Coin recognition		<b>Measure:</b> Investigating and solving problems with space shape and measure	<b>Geometry:</b> Investigating and solving problems with space shape and measure	

# Y1 Mathematics Topic Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
<b>Autumn</b>	Number: Place Value			Number: Addition and Subtraction			Geometry: Properties of Shape	Measurement: Money	Number: Addition and Subtraction		Measurement: Length and Height	Measurement: Weight and Capacity	Measurement: Time	Number: Multiplication and Division
<b>Spring</b>	Number: Place Value		Geometry: Properties of Shape and Position & Direction	Number: Addition and Subtraction		Measurement: Time	Number: Fractions	Measurement: Money	Measurement: Length and Height	Number: Multiplication and Division		Measurement: Time		
<b>Summer</b>	Number: Place Value		Number: Fractions		Measurement: Length and Height	Measurement: Time	Measurement: Weight and Capacity	Number: Four Operations			Geometry: Properties of Shape	Geometry: Position and Direction	Number: Place Value	Measurement: Money

# Y2 Mathematics Topic Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Number: Place Value		Number: Addition and Subtraction			Measurement: Time	Number: Multiplication and Division		Measurement: Money	Number: Fractions		Measurement: Length	Geometry: Properties of Shape	Geometry: Position & Direction
Spring	Number: Place Value	Number: Addition and Subtraction		Number: Multiplication and Division		Measurement: Time	Measurement: Length, Mass and Capacity		Number: Fractions		Statistics	Geometry: Properties of Shape		
Summer	Number: Place Value including money		Number: Four Operations		Geometry: Position & Direction	Number: Fractions	Measurement: Time		Number: Four Operations		Measurement: Money	Measurement: Length, Mass and Capacity		Statistics

# Y3 Mathematics Topic Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
<b>Autumn</b>	Number: Place Value		Number: Addition and Subtraction – partitioning and expanded (not columnar) including money			Measurement: Time	Number: Multiplication and Division		Number: Fractions		Geometry: Shape	Measurement: Time	Units of Measurement	Statistics
<b>Spring</b>						Number: Place Value					Number: Addition and Subtraction (moving to compact)		Number: Multiplication and Division	
<b>Summer</b>	Number: Place Value including money	Number: Four operations including money and measure		Number: Fractions		Measurement: Time	Number: Including formal methods of all four operations  Including fractions		Measurement: Weight and capacity	Statistics	Measurement: Length and perimeter	Geometry: Shape and symmetry and angles		Measurement: Time

# Y4 Mathematics Topic Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
<b>Autumn</b>	Number: Place Value		Number: Addition and Subtraction including money		Number: Multiplication and Division		Measure: Conversions	Number: Fractions		Measurement: Length and Perimeter	Geometry: Properties of shape and angles		Measure: Time	Statistics
<b>Spring</b>	Number: Place Value including decimals		Number: Fractions and decimals		Number: Addition and subtraction	Measure: Time	Geometry: Angles, symmetry and translation	Number: Multiplication and Division		Statistics	Measure: Time	Measurement: Length, area and perimeter		
<b>Summer</b>	Number: Place Value including money	Measure: Conversions	Number: Four operations including measure and money		Measurement: Time	Number: Fractions and Decimals		Measures: Length, Area and Perimeter		Number: Four operations including fractions and decimals		Statistics	Geometry: Shape, Position and Direction	

# Y5 Mathematics Topic Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
<b>Autumn</b>	Number: Place Value incl decimals		Number: Addition and Subtraction including decimals		Number: Multiplication and Division		Number: Fractions and decimals		Geometry		Number: Multiplication and Division	Measurement		Statistics
<b>Spring</b>	Number: Place Value incl decimals	Number: Addition and subtraction	Number: Multiplication and Division		Geometry		Number: Fractions, Decimals and Percentages			Number: Multiplication and Division	Measurement			
<b>Summer</b>	Number: Place Value incl decimals	Number: Four operations			Geometry	Statistics	Number: Fractions, decimals and percentages			Measurement		Number: Four operations		Geometry

# Y6 Mathematics Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14						
<b>Autumn</b>	Number: Place Value including decimals		Number: Addition and Subtraction		Number: Multiplication and Division		Number: Fractions and decimals			Geometry	Ratio and proportion	Measurement								
<b>Spring</b>															Number: Place Value including decimals	Number: Four operations	Number: Fractions, Decimals and Percentages		Algebra	
<b>Summer</b>	Number: Four operations		Number: Fractions, Decimals and Percentages		Number: Place Value including decimals		Statistics		Geometry		Measurement		Algebra		Ratio and proportion		Number and measurement			