



# Park Road Academy

## Maths Overview



# Nursery



Within Nursery, a mastery approach to teaching mathematics is followed. Advice and strategies taken from NCETM whilst also fulfilling 3-4 year olds outcomes from Development Matters.

Although an overview is in place, opportunities are provided through continuous provision and Adult Focus activities throughout the year, linking to other mathematical core concepts.

(For full outline of coverage/breakdown, please refer to 'Detailed Maths Long Term Overview' outlined at end of document.)

<ul style="list-style-type: none"> <li>- I can learn and sing number songs.</li> <li>- What is a colour?</li> <li>-What colours do I know?</li> <li>- I can find a colour</li> <li>- I can match</li> <li>- I can sort</li> </ul>	<ul style="list-style-type: none"> <li>- I can look and compare. Amounts/size/capacity/mass.</li> <li>- I can see and make patterns.</li> <li>- I can talk about patterns.</li> <li>- I can notice patterns around me.</li> </ul>	<ul style="list-style-type: none"> <li>- All about numbers 1 &amp; 2</li> <li>- How does it feel?</li> <li>Weight.</li> </ul>	<ul style="list-style-type: none"> <li>- All about numbers 3 &amp; 4</li> <li>- I can talk about length and height.</li> </ul>	<ul style="list-style-type: none"> <li>- All about number 5</li> <li>- 1 more and 1 less.</li> <li>- Shapes are everywhere.</li> <li>- I can talk about shapes I see.</li> <li>- I can name simple shapes.</li> <li>- What is a face?</li> <li>- What is a corner?</li> <li>- What is an edge?</li> </ul>	<ul style="list-style-type: none"> <li>- My Day</li> <li>- What happens in my day?</li> <li>- I can talk about full and empty.</li> <li>- I can say where something is.</li> <li>- I can hunt and find. Where did you find it?</li> </ul>
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# Reception



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	Getting to know you		Match, sort and compare		Talk about measure and patterns		It's me 1, 2, 3		Circles and triangles	1, 2, 3, 4, 5		Shapes with 4 sides
Spring term	Alive in 5		Mass and capacity	Growing 6, 7, 8		Length, height and time		Building 9 and 10		Explore 3-D shapes		
Summer term	To 20 and beyond		How many now?	Manipulate, compose and decompose		Sharing and grouping		Visualise, build and map		Make connections	Consolidation	



# Year 1



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number Place value (within 10)					Number Addition and subtraction (within 10)					Geometry Shape	Consolidation
Spring	Number Place value (within 20)			Number Addition and subtraction (within 20)			Number Place value (within 50)		Measurement Length and height		Measurement Mass and volume	
Summer	Number Multiplication and division			Number Fractions		Geometry Position and direction	Number Place value (within 100)		Measurement Money	Measurement Time		Consolidation



# Year 2



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number Place value				Number Addition and subtraction				Geometry Shape			
Spring	Measurement Money		Number Multiplication and division				Measurement Length and height		Measurement Mass, capacity and temperature			
Summer	Number Fractions			Measurement Time			Statistics		Geometry Position and direction		Consolidation	



# Year 3



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number <b>Place value</b>			Number <b>Addition and subtraction</b>				Number <b>Multiplication and division A</b>				
Spring	Number <b>Multiplication and division B</b>			Measurement <b>Length and perimeter</b>			Number <b>Fractions A</b>		Measurement <b>Mass and capacity</b>			
Summer	Number <b>Fractions B</b>		Measurement <b>Money</b>	Measurement <b>Time</b>			Geometry <b>Shape</b>		Statistics		Consolidation	



# Year 4



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number <b>Place value</b>				Number <b>Addition and subtraction</b>			Measurement <b>Area</b>	Number <b>Multiplication and division A</b>			Consolidation
Spring	Number <b>Multiplication and division B</b>			Measurement <b>Length and perimeter</b>		Number <b>Fractions</b>				Number <b>Decimals A</b>		
Summer	Number <b>Decimals B</b>		Measurement <b>Money</b>		Measurement <b>Time</b>		Consolidation	Geometry <b>Shape</b>		Statistics	Geometry <b>Position and direction</b>	



# Year 5



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number <b>Place value</b>			Number <b>Addition and subtraction</b>		Number <b>Multiplication and division A</b>			Number <b>Fractions A</b>			
Spring	Number <b>Multiplication and division B</b>			Number <b>Fractions B</b>		Number <b>Decimals and percentages</b>			Measurement <b>Perimeter and area</b>		Statistics	
Summer	Geometry <b>Shape</b>			Geometry <b>Position and direction</b>		Number <b>Decimals</b>			Number <b>Negative numbers</b>	Measurement <b>Converting units</b>		Measurement <b>Volume</b>



# Year 6



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number Place value		Number Addition, subtraction, multiplication and division					Number Fractions A		Number Fractions B		Measurement Converting units
Spring	Ratio		Algebra		Number Decimals		Number Fractions, decimals and percentages		Measurement Area, perimeter and volume		Statistics	
Summer	Geometry Shape			Geometry Position and direction	Transition to Year 7 Maths Gareth Metcalfe Reasoning And Problem Solving							

