



Mathematics

Implementation Document Created by Subject Leader; C.Duck

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This is the Pickering Community Infant and Nursery School curriculum implementation document for Nursery to Year Two for Mathematics. It has been produced to meet both the requirements of the Key Stage One National Curriculum and the Foundation Stage Framework as well as the needs of our school community.

Our curriculum intent, which is identified as our school philosophy in our Curriculum Policy, can be found below.

“We believe in giving children the knowledge, skills and understanding they need to select and use appropriate mathematics in their every day lives. We believe that children learn best through interactive, hands on experiences that enable children to understand and appreciate relationships and patterns in number, shape, space and measures which in turn develop their problem solving skills.”

NURSERY

Week	1	2	3	4	5	6	7	8	9	10	11	12	13
Autumn	Number songs Rote counting	Number songs Rote counting Subitising 1	Subitising 3 and 4		Patterns	Matching – two of the same	Show fingers up to 5	Sorting Choosing objects by one given and then chosen criteria from a selection	Sorting by one given and then chosen criteria and not the criteria	Sorting by multiple given and then chosen criteria	Comparative sorting	Size	Consolidation
Spring	Subitising in a variety of ways (dice/lines/tens frames/ etc) 2D shapes		Counting skills – 1-1, cardinality	Counting skills – lining up	More and fewer Counting	Length	Talk and Sequence events	Positional language	Link numerals and amounts	More and fewer	Weight	Describe a familiar route	

Summer	Conservation of number	3D shape	5 frame	Marks and amounts	Capacity	Representing amounts in different ways – 0, 1, 2, 3, 4, 5. Maths problems Patterns						Consolidation
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RECEPTION														
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Autumn	Counting aloud	One	Two	Three	Four	Five	Six	Seven	Eight	Nine	Ten	2D shape	Pattern	Consolidation
	Careful counting strategies/ cardinality /conservation of number/ comparing quantities/one more, one less/include zero/money/Numicon													
Spring	Comparing quantities	Length and height	Capacity Number bonds 2, 3, 4, 5 and 10.				3D shape	Doubling	Sharing – distribute quantities equally					
Summer	Weight	Money	Position and Direction	Odd and even	Use and application of number knowledge			Shape	Addition and subtraction Equals Number formation			Number bonds Number formation		

YEAR ONE														
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14

Autumn	Number Place value (within 10)		Number Addition and Subtraction (within 10)				Geom etry Shape	Consoli dation	
Spring	Number Place Value (within 20)		Number Addition and Subtraction (within 20)			Measu remen t Length and Height			
Summer	Number Place Value (within 50)	Number Multiplication and Division	Number Fractions	Geome try Positio n and Directi on	Number Place value (within 100)	Meas urem ent Mone y	Measurement Time Mass and Volume	Consoli dation	

YEAR TWO														
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Autumn	Number Place Value			Number Addition and Subtraction								Geom etry Shape	Consoli dation	
Spring	Geometry Shape		Number Multiplication and Division				Measurement Money							
Summer	Measur ement Length	Measurement Mass and volume	Number Fractions			Measurement Time		Statistics		Geom etry	Consol idation			

	and Height					Positio n and Directi on	
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