

- become confident, competent and independent mathematicians in arithmetic, reasoning and problem-solving
- develop children's ability to articulate, discuss and explain their thinking using appropriate mathematical vocabulary
- instil the mind-set in every child and staff member that everyone can do maths and to create 'mistake friendly' classrooms where children see mistakes as learning tools

	Autumn 1				Autumn 2				Spring 1				Spring 2				Summer 1				Summer 2			
Nursery	More than fewer than, same	Explore & build with shapes & objects	Patterns – explore repeats	Hear & say number names	Begin to order number names	I see 1,2,3	Join in with repeats	Explore position & space	Show me 1,2,3	Move & label 1,2,3	Explore position & routes	Explore own 1 st patterns	Take & give 1,2,3	Match, tall, push & pull	Talk about dots	Compare & sort collections	Lead on own repeats	Start to puzzle	Making patterns together	Make games & actions	Show me 5	My own pattern	Stop at 1,2, 3,4,5	Match, sort, compare
Reception	Getting to know you	Match Sort Compare	Measure Patterns	It’s me 1,2,3	1,2,3,4,5	Shapes		Alive in 5		Measures Mass, capacity, length, height, time		Growing 6,7,8	Building 9 and 10		3D shapes		To 20 and beyond How many now?		Manipulate, compose and decompose	Sharing Grouping	Visualise, build and map		Make connections Consolidation	
Year 1	Place Value			Addition Subtraction			Shape Consolidation (1 week)		Place Value		Addition Subtraction		Place Value		Length Height	Mass Volume	Multiplication Division		Fractions Position/Direction (1 week)		Place Value	Money (1 week) Time (2 weeks) Consolidation (1 week)		
Year 2/3 Cycle A	Place Value		Addition Subtraction			Multiplication		Division		Statistics		Length and height (1 week) Shape, position and direction		Fractions		Time		Mass, capacity and temperature		Consolidation				
Year 2/3 Cycle B	Place Value		Addition Subtraction			Multiplication		Division		Statistics		Length and height (1 week) Shape, position and direction		Fractions		Time		Mass, capacity and temperature		Consolidation				
Year 4	Place Value		Addition Subtraction		Addition Subtraction, Multiplication Division Area				Multiplication Division Length Perimeter				Fractions, Decimals and percentages				Decimals Money Time			Shape Statistics Position/Direction				
Year 5/6	Place Value	Addition, subtraction, multiplication and division			Fractions		Units of Measure	Negative numbers Ratio	Algebra	Decimals	Fractions Decimals Percentages	Area, Perimeter, Volume	Statistics		Angles Shape Position and direction		Projects and investigations							