

- 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 4/5 Cycle A	Place Value		Addition Subtraction		Multiplication		Division		Fractions			Decimals and percentages			Money	Shape	Time	Converting Units	Perimeter	Area				
Year 4/5 Cycle B	Place Value		Addition Subtraction		Multiplication		Division		Fractions			Decimals and percentages			Angles		Statistics		Position & Direction	Negative numbers	Volume			
Year 6	Place Value	Addition, subtraction, multiplication and division			Fractions		Units of Measure	Ratio	Algebra	Decimals	Fractions Decimals Percentages	Area, Perimeter, Volume	Statistics	Shape Position and direction		Projects and investigations								