Maths Curriculum Map

Nursery			Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths	Bourton Meadow Nursery	Development Matters (3-4 years)	Place Value: Counting Recite numbers past 5. Points or touches (tags) each item, saying one number for each item, using the stable order of 1,2,3,4,5 Theme: All	Shape Shows awareness of shape similarities and differences between objects Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round'. Theme: Pattern & shape	Place Value: Use and Compare Compares two small groups of up to five objects, saying when there are the same number of objects in each group, e.g. You've got two, I've got two. Same! Theme: All	Pattern Talk about and identify the patterns around them. Extend and create ABAB patterns – stick, leaf, stick, leaf. Notice and correct an error in a repeating pattern. Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then…' Theme: All	Size, Weight and Capacity Make comparisons between objects relating to size, length, weight and capacity. Recalls a sequence of events in everyday life and stories Understand position through words alone – for example, "The bag is under the table," – with no pointing. Theme: All Theme: Our Local Area	Place Value: represent Begin to recognise numerals 0 to 10 Subitises one, two and three objects (without counting) Links numerals with amounts up to 5 and maybe beyond Theme: All
			Addition and Subtraction: Recall, represent, use Counts up to five items, recognising that the last number said represents the total counted so far (cardinal principle)	Addition and Subtraction: Recall, represent, use Explores using a range of their own marks and signs to which they ascribe mathematical meanings	Addition and Subtraction: Calculations Through play and exploration, beginning to learn that numbers are made up (composed) of smaller numbers	Addition and Subtraction: Calculations Beginning to recognise that each counting number is one more than the one before	Addition and Subtraction: Solve problems Beginning to use understanding of number to solve practical problems in play and meaningful activities	Addition and Subtraction: Solve problems Separates a group of three or four objects in different ways, beginning to recognise that the total is still the same
			Observational Checkpoint: Can children subitise to 3? Can children count in correspondence to 5? Can children rote count beyond 5? Can children compare quantities, size, length, weight and capacity? Can children talk about 2D and 3D shapes? Can children use positional language? Can children select shapes appropriately? Can children create a repeating pattern?					

Maths Curriculum Map

Reception			Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths	Reception	Development Matters (4-5 years)	**Just like me!** Match and sort Compare amounts Compare size, mass & capacity Exploring pattern	**Light & dark** Representing numbers to 5 One more or less Shapes with 4 sides Time	**Alive in 5!** Introducing zero Comparing numbers to 5 Composition of 4 & 5 Compare mass (2) Compare capacity (2)	**Building 9 & 10** Counting to 9 & 10 Comparing numbers to 10 Bonds to 10 3-D shapes Spatial awareness Patterns	**To 20 and beyond** Build numbers beyond 10 Count patterns beyond 10 Spatial reasoning 1 Match, rotate, manipulate	**Find my pattern** Doubling Sharing & grouping Even & odd Spatial reasoning 3 Visualise and build
			It's me 1, 2, 3! Representing 1, 2 & 3 Comparing 1, 2 & 3 Composition of 1, 2 & 3 Circles and triangles Positional language		**Growing 6, 7, 8** 6, 7 & 8 Combining two amounts Making pairs Length & height Time (2)		**First, then, now** Adding more Taking away Spatial reasoning 2 Compose and decompose	**On the move** Deepening understanding Patterns & relationships Spatial mapping (4) Mapping

Maths Curriculum Map

	Autumn	Spring	Summer
Year 1	**Number**: Place Value (within 10) **Number**: Addition and Subtraction (within 10) **Geometry**: Shape	**Number**: Place Value (within 20) **Number**: Addition and Subtraction (within 20) **Number:** Place Value (within 50) **Measurement:** Length and Height **Measurement**: Weight and Volume	**Number**: Multiplication and Division (Reinforce multiples of 2,5 and 10 to be included) **Number:** Fractions **Geometry:** Position and Direction **Number:** Place Value (within 100) **Measurement:** Money Measurement: Time
Year 2	**Number**: Place Value **Number:** Addition and Subtraction **Geometry:** Shape	**Measurement:** Money **Number:** Multiplication and Division **Measurement:** Length and Height **Measurement:** Mass, Capacity and Temperature	**Number:** Fractions **Measurement:** Money **Measurement:** Time Statistics **Geometry:** Position and Direction
Year 3	**Number:** Place Value **Number:** Addition and Subtraction **Number:** Multiplication and Division A	**Number**: Multiplication and Division B **Measurement:** Length and Perimeter Fractions A **Measurement:** Mass and capacity	**Number:** Fractions B **Measurement:** Time **Geometry:** Properties of Shape Statistics
Year 4	**Number:** Place Value **Number:** Addition and Subtraction **Measurement:** Area **Number:** Multiplication and Division A	**Number:** Multiplication and Division **Measurement:** length and perimeter **Number:** Fractions **Number:** Decimals	**Number:** Decimals **Measurement:** Money **Measurement:** Time **Geometry:** Properties of Shape Statistics **Geometry:** Position and Direction

Maths Curriculum Map

	Autumn	Spring	Summer
Year 5	Number: Place Value Number: Addition and Subtraction Number: Multiplication and Division Fractions	**Number:** Fractions Decimals and Percentages **Measurement:** perimeter and area Statistics	**Geometry:** Properties of Shape **Geometry:** Position and Direction **Number:** Decimals **Number:** Negative numbers Measurement: converting Units **Measurement:** Volume
Year 6	**Number:** Place Value **Number:** Addition, Subtraction, multiplication and Division Fractions A Fractions B **Measurement** – converting units	Ratio Algebra **Number:** Decimals **Number:** Fractions, decimals and percentages Perimeter, Area and Volume Statistics	**Geometry:** Properties of shapes **Geometry:** Position and Direction Themed projects, consolidation, and problem solving