

Maths intent statement

Without mathematics, there's nothing you can do. Everything around you is mathematics. Everything around you is numbers.

Shakuntala Dev

The intent of our mathematics curriculum is to be accessible to all and will maximise the development of every child's ability and academic achievement. We deliver mastery lessons that are challenging and engaging. We want children to make rich connections across mathematical ideas to develop fluency, mathematical reasoning and competence in solving increasingly sophisticated problems. We intend for our pupils to be able to apply their mathematical knowledge to science and other subjects. We aim for children to understand that mathematics is essential to everyday life. As our pupils' progress, we intend for our pupils to be able to understand the world, have the ability to reason mathematically, have an appreciation of the beauty and power of mathematics, and a sense of enjoyment and curiosity about the subject.

Maths Curriculum Map

	Autumn	Spring	Summer
Nursery	Colours	Number 3	Sequencing
ivursery	Matching	Number 4	Positional language
	Sorting	Number 5	More than/ fewer than
	Number 1	Number 6	Shape 2D 3D
	Number 2	Height and Length- Tall and short	Number composition 1-5
	Pattern	Mass – 3 Little pigs	
		Capacity	
Reception	Match and sort	Number 5, 6, 7, 8, 9, 10	Numbers to 20 and beyond
Reception	Measure and Patterns	Mass and Capacity	Manipulate compose and decompose
	Numbers 1,2,3, 4, 5	Length, height and time	Sharing and grouping
	Shape- Circles, Triangles and shapes with 4 sides	Shape 3D	Visualise, build and Map
			Make connections
Year 1	Number- Place Value (within 10)	Number-Place Value (within 20)	Number- Multiplication and Division
Teal 1	Number Addition and Subtraction (within 10)	Number-Addition and Subtraction (within 20)	Number Fractions
	Geometry Shape	Number-Place Value (within 50)	Geometry- Position and Direction
		Measurement- Length and height	Number Place Value (within 100)
		Measurement- Mass and Volume	Measurement-Money
			Measurement- Time



Year 2	Number- Place Value	Measurement-Money	Number- fractions
	Number – Addition and Subtraction	Number- Multiplication and Division	Measurement- Time
	Geometry Shape	Measurement- Length and height	Statistics
		Measurement- Mass, capacity and temperature.	Geometry- Position and Direction
Year 3	Number- Place Value	Number- Multiplication and Division	Number- Fractions
	Number – Addition and Subtraction	Measurement- Length and perimeter	Measurement- Money
	Number- Multiplication and Division.	Number- Fractions	Measurement-Time
		Measurement- Mass and capacity	Geometry- Shape
			Statistics
Year 4	Number- Place Value	Number- Multiplication and division	Number- Decimals
	Number – Addition and Subtraction	Measurement-Length and perimeter	Measurement-Money
	Measurement- Area	Number- Fractions	Measurement- Time
	Number Multiplication and Division	Number-Decimals.	Geometry- Shape
			Statistics
			Geometry- Position and Direction
Year 5	Number- Place Value	Number – Multiplication and Division	Geometry – Properties of shapes
	Number – Addition and Subtraction	Number – Fractions	Geometry – Position and direction
	Number – Multiplication and Division	Number – Decimals and percentages Measurement -	Number – Decimals
	Number – Fractions	Perimeter and Area	Number – Negative Numbers
		Statistics	Measurement – Converting units
			Measure - Volume
Year 6	Number- Place Value	Number- Ratio	Geometry- Shape
	Number- Addition, Subtraction, Multiplication and division	Number- Algebra	Geometry- Position and Direction.
	Number-Fractions A	Number- Decimals	Themed Projects.
	Number-Fractions B	Number- Fractions, decimals and percentages	
	Measurement- Converting Units	Measurement- Area, perimeter and volume.	
		Statistics.	