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 Matching Sorting Number 1 Number 2 Pattern	Number 3 Number 4 Number 5 Number 6 Height and Length- Tall and short Mass – 3 Little pigs Capacity	Sequencing Positional language More than/ fewer than Shape 2D 3D Number composition 1-5
Reception	Match and sort Measure and Patterns Numbers 1,2,3, 4, 5 Shape- Circles, Triangles and shapes with 4 sides	Number 5, 6, 7, 8, 9, 10 Mass and Capacity Length, height and time Shape 3D	Numbers to 20 and beyond Manipulate compose and decompose Sharing and grouping Visualise, build and Map Make connections
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- Mass and Volume	Number- Multiplication and Division 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- Time Statistics Geometry- Position and Direction
Year 3	Number- Place Value Number – Addition and Subtraction Number- Multiplication and Division.	Number- Multiplication and Division Measurement- Length and perimeter Number- Fractions Measurement- Mass and capacity	Number- Fractions Measurement- Money Measurement-Time Geometry- Shape Statistics
Year 4	Number- Place Value Number – Addition and Subtraction Measurement- Area Number Multiplication and Division	Number- Multiplication and division Measurement-Length and perimeter Number- Fractions Number-Decimals.	Number- Decimals Measurement-Money Measurement- Time Geometry- Shape Statistics Geometry- Position and Direction
Year 5	Number- Place Value Number – Addition and Subtraction Number – Multiplication and Division Number – Fractions	Number – Multiplication and Division Number – Fractions Number – Decimals and percentages Measurement - Perimeter and Area Statistics	Geometry – Properties of shapes Geometry – Position and direction Number – Decimals Number – Negative Numbers Measurement – Converting units Measure - Volume
Year 6	Number- Place Value Number- Addition, Subtraction, Multiplication and division Number-Fractions A Number-Fractions B Measurement- Converting Units	Number- Ratio Number- Algebra Number- Decimals Number- Fractions, decimals and percentages Measurement- Area, perimeter and volume. Statistics.	Geometry- Shape Geometry- Position and Direction. Themed Projects.