ST ANNE'S COPP CHURCH OF ENGLAND PRIMARY SCHOOL, GREAT ECCLESTON

MATHS CURRICULUM

In building solid foundations for every unique individual and putting God's love at the centre of all we do, our children learn to embrace our diverse world. We encourage our children to learn universally in order to understand our heritage and roots as a village, town, region and nation. Through strong community links, our children grow in **compassion** and **understanding**, **promote justice** and possess commitment and **aspire** to make a positive difference. We offer an ambitious curriculum that ignites **curiosity** along with high personal expectations that fosters **resilience** and which enables them to flourish. Our children are easily distinguished by the **courage** they show when making brave choices and understand the importance of becoming the very best versions of themselves.

"Let us love, not in word, but in truth and action." (1 John 3:18)

RECEPTION	Mathematics
	EYFS Statutory Educational Programme: Developing a strong grounding in number is essential so that all children develop the necessary building blocks to excel mathematically. Children should be able to count confidently, develop a deep understanding of the numbers to 10, the relationships between them and the patterns within those numbers.
	• By providing frequent and varied opportunities to build and apply this understanding – such as using manipulatives, including small pebbles and tens frames for organizing counting – children will develop a secure base of knowledge and vocabulary from which the mastery of mathematics is built. In addition, it is important that the curriculum incudes rich opportunities for children to develop their spatial reasoning skills across all areas of mathematics including shape, space and measures. It is important that children develop positive attitudes and interests in mathematics, look for patterns and relationships, spot connections, 'have a go', talk to adults and peers about what they notice and not to be afraid of mistakes.

Reception Overview – Using White Rose Scheme of Work

AUTUMN	SPRING	SUMMER
Match and sort Compare amounts Compare size, mass and capacity Exploring pattern Representing 1, 2 & 3 Comparing 1, 2 & 3 Composition of 1, 2 & 3 Circles & Triangles Positional language Representing numbers to 5 One more or one less Shapes with 4 sides Time	Introducing zero Comparing numbers to 5 Composition of 4 & 5 Compare mass (2) Compare capacity (2) 6, 7 & 8 Combining 2 amounts Making pairs Length and Height Time Counting to 9 & 10 Comparing numbers to 10 Bonds to 10 3D shapes Patterns	Building numbers beyond 10 Counting patterns beyond 10 Spatial reasoning Match, rotate, manipulate Adding more Taking away Spatial reasoning (2) Compose and Decompose Doubling Sharing & Grouping Even & Odd Spatial reasoning (3) Visualise and build Deepening understanding Patterns and relationships Spatial reasoning (4) Mapping

Year 1 overview – Using White Rose Scheme of Work

AUTUMN	SPRING	SUMMER
Place value (within 10) Addition & Subtraction (within 10) Geometry - shape Consolidation week	Place value (within 20) Addition & Subtraction (within 20) Place Value (within 50) Length & Height Mass & Volume	Multiplication & Division Fractions Geometry – position and direction Place Value (within 100) Measurement – money Consolidation week

Year 2 overview – Using White Rose Scheme of Work

AUTUMN	SPRING	SUMMER
Place Value Addition & Subtraction Geometry - Shape	Money Multiplication & Division Length & Height Mass, capacity and temperature	Fractions Time Statistics Position and direction

Year 3 overview – Using White Rose Scheme of Work

AUTUMN	SPRING	SUMMER
Place Value Addition & Subtraction Multiplication & Division A	Multiplication & Division B Length and Perimeter Fractions A Mass & Capacity	Fractions B Money Time Shape Statistics

Year 4 overview – Using White Rose Scheme of Work

AUTUMN	SPRING	SUMMER
Place Value Addition & Subtraction Measurement – Area Multiplication & Division A Consolidation week	Multiplication & Division B Length & Perimeter Fractions Decimals A	Decimals B Money Time Shape Statistics Position & Direction Consolidation week

Year 5 overview – Using White Rose Scheme of Work

AUTUMN	SPRING	SUMMER
Place Value Addition & Subtraction Multiplication & Division A Fractions A	Multiplication & Division B Fractions B Decimals and Percentages Perimeter and area Statistics	Shape Position & Direction Decimals Negative Numbers Converting units Measurement – Volume

Year 6 overview – Using White Rose Scheme of Work

AUTUMN	SPRING	SUMMER
Place Value Addition, Subtraction, Multiplication & Division Fractions A Fractions B Measurement – Converting units	Ratio Algebra Decimals Fractions, decimals and percentages Area, perimeter and volume Statistics	Shape Geometry – position and direction