MATHS

Learning and loving together; we grow with Jesus

MATHS CURRICULUM OVERVIEW

MATHS STATEMENT OF INTENT

The intention of the Maths curriculum at Our Lady's is that our children gain a love for maths and enjoy the wonderful opportunities they have to celebrate their mathematical knowledge and understanding. All children, from EYFS to Year 6 access levels of maths for their year group with every child taking part in mastery lessons with the intention of getting deeper into their knowledge and develop a greater understanding of mathematical concepts. This is instead of moving through each topic quickly. The whole class is taught mathematics together, with no differentiation by acceleration to new content. The learning needs of individual pupils are addressed through careful scaffolding, skilful questioning and appropriate intervention, in order to provide the necessary support and challenge.

Within these lessons children are active learners: actively exploring maths concepts using concrete, pictorial and abstract representation and structures. This enables the children to use their maths in contextual settings and is regularly linked to the wider world. To further this, we strive to build a child's resilience against maths problems allowing them to develop their vocabulary by reasoning in daily lessons. We have been able to approach and work with many other schools in a mastery setting which has helped us to develop the math curriculum we have in school. Our maths curriculum progresses through the knowledge and vocabulary in a coherent manner building on knowledge year on year.

YEAR 1		
AUTUMN TERM	**SPRING TERM**	**SUMMER TERM**
Place value to 10 Addition and subtraction to 10 Geometry	Addition and Subtraction to 20 Place value to 50 Length and height Mass and Volume	Multiplication and division Fractions Position and direction Place value to 100 Money Time
YEAR 2		
AUTUMN TERM	SPRING TERM	SUMMER TERM
Place Value Addition and Subtraction Shape	Multiplication and Division Money Length and Height Mass and Capacity	Fractions Time Statistics Position and Direction
YEAR 3		
AUTUMN TERM	SPRING TERM	SUMMER TERM
Place Value Addition and Subtraction Multiplication and Division	Multiplication and Division Length and Perimeter Fractions Mass and Capacity	Fractions Money Time Properties of Shape Statistics

YEAR 4		
AUTUMN TERM	SPRING TERM	SUMMER TERM
Place value Addition and subtraction Area Multiplication and division	Multiplication and division Measurement – length and perimeter Fractions Decimals	Decimals Money Time Shape Statistics Position and direction
YEAR 5		
AUTUMN TERM	SPRING TERM	SUMMER TERM
Number and place value Addition and subtraction Multiplication and Division Fractions	Multiplication and division Fractions, decimals and percentages Area and perimeter Statistics	Shape Position and direction Decimals Negative numbers Converting Units Volume
YEAR 6		
KEY CONCEPT –		
AUTUMN TERM	SPRING TERM	SUMMER TERM
Place Value Addition, Subtraction, Multiplication and Division Fractions Converting units ☐	☐ Ratio Algebra Decimals Fractions, decimals and Percentages Perimeter, Area and Volume Statistics	☐ Shape Problem Solving Position and Direction Consolidation