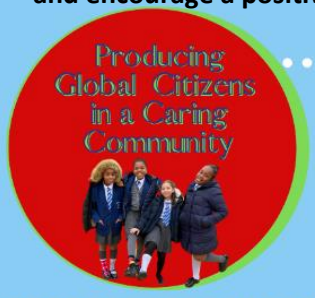
St. Edward's Catholic Primary School

Curriculum Intent

A high-quality mathematics education provides a foundation for understanding the world, the ability to reason mathematically and a sense of enjoyment and curiosity about the subject. We encourage children in their independent thinking and to develop a growth mindset. Mathematics lessons are delivered as a daily part of the curriculum. Objectives for lessons are underpinned by the National

Promoting equality and diversity in education is essential for both teachers and children. The aim is to create a classroom environment where all children can thrive together and understand that individual characteristics make people unique and not different' in a negative way. The children learn how to use Roman Numerals, counting in other languages and investigating number systems from other cultures and countries. The MFL lessons cover counting, bonds to 10 and fractions.

We ensure that successful learning in Mathematics is through well planned opportunities for children and young people to learn through investigation, active approaches and encouraging their independent thinking skills. We aim to improve children's confidence in mathematics and encourage a positive attitude.



Maths is an important part of learning for all children in their early years and receiving a good grounding in maths is an essential life skill. We aim to teach children the value of maths as a lifelong skill by linking it to the wider world around them as well as numeracy, it helps skills such as problem solving, understanding and using shapes and measure and developing their own and others spatial awareness. The inclusion of the Primary Financial Curriculum is a vital aspect of these life skills.

Developing opportunities across the curriculum are the links **where children use and apply aspects of learning from one subject in another. Learning and applying maths across subjects can benefit all areas of the curriculum. Not only will children have the opportunity to deepen their understanding of key concepts, they'll also be better equipped to make informed design decisions.**

Developing a Mathematical growth mindset where children feel they can be anything and do anything. A mathematical growth mindset creates a passion for learning rather than a hunger for approval. Interconnecting maths into lessons on inventors and inventions helps children's skills and knowledge and inspires them to be innovative and inventive themselves. They can see how diverse the subject of maths is.

'Following Christ we reach our goals'

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Numeracy skills are vital for success in work and life. Our intent is to ensure children are fluent in the fundamentals of mathematics, are able to reason mathematically and solve problems through applying their mathematical knowledge.	Programme of study is White Rose maths. The children also use Times Table Rockstar, Numbots and Maths Mastery. Our aim is for all children to become independent thinkers and problem solvers. The aims and objectives of mathematics within the school are in line with the National Curriculum

TEN STRANDS OF THE MATHS CURRICULUM

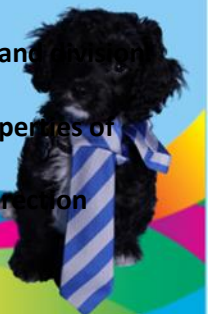
Number and Place Value	Multiplication and Division	Measurement
Addition and Subtraction	Fractions, Decimals and Proportion	Money
	Using and Applying	Statistics
Shape and Space	Time	

EYFS

- Count reliably with numbers from 1 to 20, place them in order and say which number is one more or one less than a given number.
- Using quantities and objects, add and subtract two single-digit numbers and count on or back to find the answer.
- Solve problems, including doubling, halving and sharing.
- Use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems
- Recognise, create and describe patterns.
- Explore characteristics of everyday objects and shapes and use mathematical language to describe them.

YEAR 1 and 2

AUTUMN TERM 1	SPRING TERM 1	SUMMER TERM 1
• Number , place value and rounding. • Measurement. • Addition and subtraction. • Statistics.	• Number and place value. • Measurement. • Multiplication and division. • Statistics.	• Number and place value. • Measurement. • Addition and subtraction. • Statistics.
AUTUMN TERM 2	**SPRING TERM 2**	**SUMMER TERM 2**
• Geometry, properties of shapes, position and direction. • Number, place value and rounding. • Addition and subtraction. • Statistics.	• Number and place value. • Measurement. • Geometry, properties of shapes, position and direction. • Statistics. • Addition and subtraction	• Number and place value. • Measuremnet. • Multiplication and division • Fractions. • Geometry, properties of shape, • position and direction



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YEAR 3 and 4

AUTUMN TERM 1	SPRING TERM 1	SUMMER TERM 1
• Number and place value. • Addition and subtraction. • Measurement. • Statistics.	• Addition and subtraction. • Measurement. • Statistics. • Number and place value. • Fractions (year 4 including decimals)	• Addition and subtraction. • Measurements. • Statistics. • Number and place value. • Statistics. • Fractions (year 4 including decimals)
AUTUMN TERM 2	**SPRING TERM 2**	**SUMMER TERM 2**
• Number and lace value. • Multiplication and division. • Measurement. • Statistics. • Geometry, properties of shapes, position and direction. • Fractions (year 4 including decimals)	• Addition and subtraction. • Number and place value. • Fractions (year 4 including decimals) • Measurement. • Geometry, properties of shapes • Statistics. • Multiplication and division.	• Number and place value. • Measurements. • Fractions (year 4 including decimals) • Geometry, properties of shapes.

YEAR 5 and 6

AUTUMN TERM 1	SPRING TERM 1	SUMMER TERM 1
• Number and place value. • Multiplication and division. • Fractions including decimals and percentages. • Measurement. • Addition and subtraction. • Statistics.	• Addition and subtraction • Fractions (including decimals) • Measurement • Statistics • Multiplication and Division • Number and place value • Algebra	• Addition and subtraction • Fractions (decimal and percentage • Measurement • Statistics • Multiplication and division • Algebra
AUTUMN TERM 2	**SPRING TERM 2**	**SUMMER TERM 2**
• Multiplication and division • Measurement • Geometry properties of shape • Number and place value • Fractions (decimals and percentage • Ratio and proportion • Algebra • Statisitics	• Multiplication and division • Fractions (decimal and percentage) • Measurement • Geometry properties of shape • Geometry position and direction • Number and place value • Ratio and proportion • Statistics	• Multiplication and division • Fractions (decimal and percentage • Measurement • Geometry properties of shape position direction • Ratio and proportion • Algebra • Statistics