

Curriculum Intent

Our intent at St. Luke's is to provide an engaging and accessible curriculum for every pupil. We have high aspirations so that each pupil develops a 'can-do' attitude, demonstrating confidence, perseverance, enjoyment and curiosity for Maths. We want pupils to make connections and links across mathematical ideas by developing fluency, reasoning and problem-solving skills and solving mathematical representations too. We also want pupils to understand mathematical language and use this in their work. Pupils should apply their knowledge to other subjects where applicable.

Curriculum Implementation

We teach the Maths curriculum according to the National Curriculum with planning that is linked to this, varying our units over the year as detailed below which in turn shows clear progression in each year group. With a mastery approach, high-quality resources and planning for individual pupils who require it, we ensure that pupils at St. Luke's can achieve the best they can. Homework can be set for KS2 pupils to consolidate learning if required. Regular times tables and division questions are set in KS2 to enable pupils to learn and recall facts which can be applied and used in Maths and other areas. Programmes such as TTRockstars also aid this encouragement to learn number facts. Regular collaboration with our Trust of schools allows current topics to be discussed, opportunities for moderation and good examples of practise to be highlighted.

Curriculum Impact

The impact of our curriculum can be seen through the application of skills in problem solving and reasoning as well as understanding how to work out various fluency-type questions and different representations too. The knowledge the pupils have gained can be seen by looking at their work, talking to them about their learning and the results and outcomes they achieve. The expectation is that most children work through the programme of study and are able to move onto the next stage of their education whether it be EYFS, KS1 or KS2. Those pupils who grasp concepts rapidly are challenged in various ways whilst others have further opportunity to embed and consolidate their learning including additional practise before moving on. As part of the pupil's learning journey through the school, teachers continuously assess knowledge and understanding, which in turn helps to prepare pupils for their next steps in learning.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	<ul style="list-style-type: none"> - Getting to know you - Match, sort and compare - Talk about measure and patterns 	<ul style="list-style-type: none"> - It's me 1, 2, 3 - Circles and triangles - 1, 2, 3, 4, 5 - Shapes with 4 sides 	<ul style="list-style-type: none"> - Alive 5 - Mass and capacity - Growing 6, 7, 8 	<ul style="list-style-type: none"> - Length, height and time - Building 9 and 10 - Explore 3D shapes 	<ul style="list-style-type: none"> - To 20 and beyond - How many now? - Manipulate, compose and decompose 	<ul style="list-style-type: none"> - Sharing and grouping - Visualise, build and map - Make connections
Year 1	<ul style="list-style-type: none"> - Number: Place Value (within 10) - Number: Addition and Subtraction (within 10) 	<ul style="list-style-type: none"> - Number: Addition and Subtraction (within 10) - Geometry: Shape 	<ul style="list-style-type: none"> - Number: Place Value (within 20) - Number: Addition and Subtraction (within 20) - Number: Place Value (within 50) 	<ul style="list-style-type: none"> - Number: Place Value (within 50) - Measurement: Length and Height - Measurement: Mass and Volume 	<ul style="list-style-type: none"> - Number: Multiplication and Division - Number: Fractions - Geometry: Position and Direction 	<ul style="list-style-type: none"> - Number: Place Value (within 100) - Measurement: Money - Measurement: Time
Year 2	<ul style="list-style-type: none"> - Number: Place Value - Number: Addition and Subtraction 	<ul style="list-style-type: none"> - Number: Addition and Subtraction - Geometry: Shape 	<ul style="list-style-type: none"> - Measurement: Money - Number: Multiplication and Division 	<ul style="list-style-type: none"> - Measurement: Length and Height - Measurement: Mass, capacity and temperature 	<ul style="list-style-type: none"> - Number: Fractions - Measurement: Time 	<ul style="list-style-type: none"> - Statistics - Geometry: Position and direction
Year 3	<ul style="list-style-type: none"> - Number: Place Value - Number: Addition and Subtraction 	<ul style="list-style-type: none"> - Number: Addition and Subtraction - Number: Multiplication and division A 	<ul style="list-style-type: none"> - Number: Multiplication and division B - Measurement: Length and perimeter 	<ul style="list-style-type: none"> - Number: Fractions A - Measurement: Mass and capacity 	<ul style="list-style-type: none"> - Number: Fractions B - Measurement: Money 	<ul style="list-style-type: none"> - Measurement: Time - Geometry: Shape - Statistics
Year 4	<ul style="list-style-type: none"> - Number: Place Value - Number: Addition and Subtraction 	<ul style="list-style-type: none"> - Measurement: Area - Number: Multiplication and Division A 	<ul style="list-style-type: none"> - Number: Multiplication and Division B - Measurement: Length and perimeter 	<ul style="list-style-type: none"> - Number: Fractions - Number: Decimals A 	<ul style="list-style-type: none"> - Number: Decimals B - Measurement: Money - Measurement: Time 	<ul style="list-style-type: none"> - Geometry: Shape - Statistics - Geometry: Position and direction
Year 5	<ul style="list-style-type: none"> - Number: Place Value - Number: Addition and Subtraction 	<ul style="list-style-type: none"> - Number: Multiplication and Division A - Number: Fractions A 	<ul style="list-style-type: none"> - Number: Multiplication and Division B - Number: Fractions B - Number: Decimals and Percentages 	<ul style="list-style-type: none"> - Measurement: Perimeter and area - Statistics 	<ul style="list-style-type: none"> - Geometry: Shape - Geometry: Position and direction - Numbers: Decimals 	<ul style="list-style-type: none"> - Number: Negative numbers - Measurement: Converting units - Measurement: Volume
Year 6	<ul style="list-style-type: none"> - Number: Place Value - Number: Addition, Subtraction, Multiplication and Division 	<ul style="list-style-type: none"> - Number: Fractions A - Number: Fractions B - Measurement: Converting units 	<ul style="list-style-type: none"> - Number: Ratio - Number: Algebra - Number: Decimals 	<ul style="list-style-type: none"> - Number: Fractions, decimals and percentages - Measurement: Area, perimeter and volume - Statistics 	<ul style="list-style-type: none"> - Geometry: Shape - Geometry: Position and direction 	<ul style="list-style-type: none"> - Themed projects, consolidation and problem solving