



St Anne's Maths Curriculum

At St Anne's, we believe that being able to master maths is for all. The 2014 national curriculum states that:

- *All pupils should become fluent in the fundamentals of mathematics, including through varied and frequent practice, so that pupils develop conceptual understanding and are able to recall and apply their knowledge rapidly and accurately to problems.*
- *The expectation is that the majority of pupils will move through the programmes of study at broadly the same pace. When to progress should always be based on the security of pupils' understanding and their readiness to progress to the next stage.*
- *Pupils who grasp concepts rapidly should be challenged through rich and sophisticated problems before any acceleration through new content. Those pupils who are not sufficiently fluent with earlier material should consolidate their understanding, including through additional practice, before moving on.*

With an increased emphasis on problem solving and reasoning in mathematics we take a 'mastery' approach in order to offer all children opportunities to become confident mathematical thinkers.

We promote mathematical oracy and encourage talk in all our maths lessons. Children are exposed to key mathematical language early on and are encouraged to discuss their thinking. Children are provided with stem sentences and sentence stems in order to become successful at this.

As a school, we follow the White Rose Maths Hubs curriculum in order to organise objectives taught across the year (see below), making use of a range of resources that include White Rose plans, practical maths, topic based investigations and projects, N Rich problem solving website and Abacus work books in KS2.

Key Stage One Maths Curriculum

Year One Overview

Autumn	Number: Place Value		Number: Addition and Subtraction		Geometry: Shape	Number: Place Value	Number: Addition and Subtraction
Spring	Time	Place Value	Number: Addition and Subtraction	Measures: Length and height	Number: Multiplication and Division	Number: Fractions	
Summer	Number: Place Value		Number: Four Operations		Measurement: Money	Measurement: Weight and Volume	

Year Two Overview

Autumn	Number: Place value	Number: Addition and Subtraction		Measurement: Length and Mass	Graphs	Multiplication and Division
Spring	Measurement: Money		Geometry: Properties of Shape	Number: Fractions		
Summer	Measurement: Time	Measurement: Capacity, Volume and Temperature	Post SATs Project Work			

Lower Key Stage Two Maths Curriculum

Year Three Overview

Autumn	Number – Place Value	Number – Addition and Subtraction		Number – Multiplication and Division		Measurement
Spring	Number - Multiplication and Division		Measurement	Number - Fractions		Consolidation
Summer	Number – fractions		Geometry – Properties of Shapes	Measurement	Statistics	Consolidation

Year Four Overview

Autumn	Number – Place Value		Number- Addition and Subtraction		Number- Multiplication and Division		Measurement- Area
Spring	Fractions			Time	Decimals		Measurement- Money
Summer	Measures- Perimeter and Length	Geometry- Angles	Geometry- Shape and Symmetry	Geometry- Position and Direction	Statistics	Measurement- Area and Perimeter	

Upper Key Stage Two Maths Curriculum

Year Five Overview

Autumn	Number – Place Value	Number – Addition and Subtraction		Number – Multiplication and Division			Statistics	
Spring	Number - Fractions			Number - Decimals		Number - Percentages		
Summer	Geometry- Angles	Geometry- Shapes	Geometry- Position and Direction	Measurement- Converting Units	Number- Prime Numbers	Perimeter and Area	Measures Volume	

Year Six Overview

Autumn	Number- Place Value	Number- addition, Subtraction, Multiplication and Division		Fractions			
Spring	Number- Decimals	Number- Percentages	Measurement	Number- Algebra	Number- Ratio	Geometry and Statistics	
Summer	Geometry- Properties of Shapes	Geometry- Position and Direction	Post SATs Project Work				