



Curriculum Map **Subject: Maths**



Intent Statement

Our intent at St Nicholas Catholic Primary School is to deliver a broad and balanced Maths curriculum that is ambitious, challenging and engaging. At St Nicholas Catholic Primary School, we want children to be fluent in the key numeracy skills of Mathematics and be able to apply these skills to a range of problem solving situations.

We want pupils to know the 'why' and the 'how' in Maths and we want them to be able to have a deep understanding of Mathematical methods so that they can 'pull it apart', reason and apply.

To this end we have begun to follow a maths mastery approach to learning and teaching.

We strive to achieve this by:

- allowing opportunities for all to reach the same outcome;
- displaying and using relevant vocabulary;
- focusing on delivering high quality provision through use of resources and key questioning;
- using concrete resources for children to manipulate before moving onto using pictorial representations and writing the abstract.

We begin each afternoon with a range of arithmetic questions to enhance fluency of basic mathematical skills and regularly provide children with a variety of reasoning and problem solving activities

At St Nicholas we make cross-curricular links to Mathematical learning (where possible) and give our children opportunities to extend their learning beyond the classroom. We provide children with opportunities to discuss their thinking without them worrying about the correct answer; this enables them to deepen their thinking.

Implementation - curriculum coverage

Reception

Term 1	Unit 1: Numbers to 5	Unit 2: Comparing groups within 5	Unit 3: Shape (2D and 3D shapes)	Unit 4: Change within 5	Unit 5: Number bonds within 5	Unit 6: Space	
Term 2	Unit 7: Numbers to 10	Unit 8: Comparing numbers within 10	Unit 9: Addition to 10	Unit 10: Measure (length, height and weight)	Unit 11: Number bonds to 10	Unit 12: Subtraction	Unit 13: Exploring patterns
Term 3	Unit 14: Counting on and counting back	Unit 15: Number bonds to 20	Unit 16: Numerical patterns	Unit 17: Shape (Composing and decomposing shapes)	Unit 18: Measure (volume and capacity)	Unit 19: Sorting	Unit 20: Time

Year 1

Autumn	Number: Place Value (within 10)		Number: Addition and Subtraction (within 10)		Geometry: Shape	Number: Place Value (within 20)	
Spring	Consolidation	Number: Addition and Subtraction (within 20)	Number: Place Value (within 50)		Measurement: Length and Height	Measurement: Weight and Volume	Consolidation
Summer	Consolidation	Number: Multiplication and Division	Number: Fractions	Geometry: Position and Direction	Number: Place Value (within 100)	Measurement: Money	Measurement: Time

Year 2

Autumn	Number: Place Value	Number: Addition and Subtraction		Measurement: Money	Number: Multiplication and Division	Consolidation
Spring	Number: Multiplication and Division		Statistics	Geometry: Properties of Shape	Number: Fractions	
Summer	Measurement: Length and Height	Geometry: Position and Direction	Consolidation and problem solving	Measurement: Time	Measurement: Mass, Capacity and Temperature	Consolidation

Year 3

Autumn	Number: Place Value	Number: Addition and Subtraction		Number: Multiplication and Division		
Spring	Number: Multiplication and Division	Measurement: Money	Statistics	Measurement: Length and Perimeter	Number: Fractions	Consolidation
Summer	Number: Fractions	Measurement: Time		Geometry: Properties of Shape	Measurement: Mass and Capacity	Consolidation

Year 4

Autumn	Number: Place Value				Number: Addition and Subtraction			Measurement: Length and Perimeter	Number: Multiplication and Division			
	Number: Multiplication and Division			Measurement: Area	Number: Fractions				Number: Decimals			Consolidation
	Number: Decimals	Measurement: Money		Measurement: Time		Statistics	Geometry: Properties of Shape		Geometry: Position and Direction		Consolidation	

Year 5

Autumn	Number: Place Value		Number: Addition and Subtraction	Statistics	Number: Multiplication and Division		Measurement: Perimeter and Area	
Spring	Number: Multiplication and Division		Number: Fractions				Number: Decimals and Percentages	Consolidation
Summer	Consolidation	Number: Decimals		Geometry: Properties of Shape		Geometry: Position and Direction	Measurement: Converting Units	Measurement: Volume

Year 6

Autumn	Number: Place Value	Number: Addition, Subtraction, Multiplication and Division			Number: Fractions		Geometry: Position and Direction
Spring	Number: Decimals	Number: Percentages	Number: Algebra	Measurement: Converting Units	Measurement: Perimeter, Area and Volume	Number: Ratio	Consolidation
Summer	Statistics	Geometry: Properties of Shape		Consolidation and themed projects			