

St Vincent's Primary School - Maths Long Term Plan

At St Vincent's we want our pupils to become happy, assured and resilient mathematicians who relish the challenge of maths. We want them to develop a deep understanding of all mathematical concepts and we aim to develop their fluency, reasoning and problem-solving skills. We follow the White Rose Maths Hub scheme of work, which is in line with the National Curriculum.

The White Rose medium-term plans are a guide for teachers to use in their maths planning. However, teachers are expected to use ongoing assessment to adapt plans to meet the needs of their children.

EYFS

Following the White Rose's suggested areas of learning, the children in EYFS have a daily maths input, lasting about 10-15 minutes. This input includes number rhymes, songs and games as well as the learning focus. This is followed by teacher led activities to secure and explore new concepts further, as well as opportunities to practice through activities in the enhanced provision.

The children also take part in a daily session to help them to develop their mastery in number.

Key Stage 1

There is a daily maths lesson where pupils will work on the key concepts in maths and develop their reasoning and problem-solving skills.

The children also take part in a daily session to help them to develop their mastery in number.

Key Stage 2

There is a daily maths lesson which consists of:

- 10 mins – 15 minutes - Fluency practice (this can be done at any point during the day)
- 5 mins - Retrieval practice, in the form of a flashback
- 50 mins - A Maths lesson where pupils will work on the key concepts in maths and develop reasoning and problem-solving skills.

St Vincent's Primary School Maths Long Term

Plan Autumn Term

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
EYFS	Getting to Know You: settling in and exploring maths in the continuous provision			Just Like Me: Match, sort and compare numbers Compare size, mass & capacity Explore pattern			It's Me 1,2,3: Representing, comparing and composition of 1, 2 &3 Circles & Triangles and positional language			Light and Dark: Representing numbers to 5, one more and one less Shapes with 4 sides and Time		
Year 1	Number: Place Value within 10				Number: Addition and Subtraction (within 10)					Geometry: Shape	Number: Place value (within 20)	
Year 1/2	Number: Place value Year 1 – Numbers to 20 Year 2 – Numbers to 100			Number: Addition and Subtraction Year 1 – Numbers to 20 (including recognising money) Year 2 – Numbers within 100 (including money)					Year 1- Number: Place Value to 50 Year 2 – Number: Multiplication			
Year 2	Number: Place Value			Number: Addition and Subtraction				Measurement: Money		Number: Multiplication and division	Consolidation	
Year 3	Number: Place Value			Number: Addition and Subtraction				Number: Multiplication and Division				
Year 3/4	Number: Place Value				Number: Addition and Subtraction				Number: Multiplication and Division			
Year 4	Number: Place Value				Number: Addition and Subtraction			Measurement: Length and Perimeter		Number: Multiplication and Division		
Year 5	Number: Place Value			Number: Addition and Subtraction		Statistics		Number: Multiplication and Division			Measurement: Perimeter and Area	
Year 6	Number: Place Value		Number: Addition, Subtraction, Multiplication and Division					Number: Fractions				Geometry: Position and Direction

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Plan Spring Term

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
EYFS	Alive in 5! Introduce zero, comparing numbers to 5, composition of 4 & 5 Compare mass & capacity		Growing 6, 7 and 8: 6, 7 & 8, combining two amounts, making pairs Length & Height, Time		Building 9 and 10: Counting to 9 & 10, comparing numbers to 10, Bonds to 10 3D shapes, Spatial awareness, Patterns			Consolidation				
Year 1	Consolidation	Number: Addition and Subtraction (within 20)			Number: Place value (within 50)			Measurement: Length and Height		Measurement: Weight and Volume		Consolidation
Year 1/2		Number Year 1 – Division and consolidation Year 2 - Division		Year 1 – Number: Place Value to 100 Year 2 - Statistics		Measurement: Length and Height	Geometry Year 1: Shape and Consolidation		Number Year 1 – Fractions and Consolidation Year 2 - Fractions			Consolidation
Year 2	Number: Multiplication and Division				Statistics		Geometry: Properties of Shapes			Number: Fractions		
Year 3	Number: Multiplication and Division			Measurement: Money	Statistics		Measurement: Length and Perimeter			Number: Fractions		Consolidation
Year 3/4	Number: multiplication and division		Measurement: Length, Perimeter and Area		Number: Multiplication and Division				Year 3 – Measurement: Capacity Year 4 – Number: Decimals			Consolidation
Year 4	Number: Multiplication and Division			Measurement: Area	Number: Fractions				Number: Decimals			Consolidation
Year 5	Number: Multiplication and Division			Number: Fractions						Number: Decimals and Percentages		Consolidation
Year 6	Number: Decimals		Number: Percentages		Number: Algebra		Measurement: Converting Units	Measurement: Perimeter, Area and Volume		Number: Ratio		Consolidation

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Plan Summer Term

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
EYFS	To 20 and Beyond: Building numbers and counting patterns beyond 10; Spatial reasoning; Match, rotate and Manipulate			First Then Now: Adding more; Taking away; Spatial reasoning; Compose & Decompose			Find My Pattern: Doubling, sharing and grouping; Even & Odd; Spatial reasoning; Visualise and build			On the Move: Deepening understanding; patterns and relationships. Spatial reasoning; Mapping		
Year 1	Consolidation	Number: Multiplication and Division			Number: Fractions			Geometry: Position and Direction	Number: Place Value within 100		Measurement: Money	Measurement: Time
Year 1/2		Geometry: Position and Direction	Measurement: Time		Problem Solving and Efficient Methods		Measurement Year 1 – Weight and Volume Year 2 – Mass, Capacity and Temperature		Consolidation and Investigations			
Year 2	Measurement: Length and Height		Geometry: Position and Direction		Consolidation and Problem Solving		Measurement: Time		Measurement: Capacity and Temperature		Consolidation	
Year 3	Number: Fractions			Measurement: Time			Geometry: Properties of Shape		Measurement: Mass and Capacity		Consolidation	
Year 3/4	Number: Decimals (including money)			Measurement: Time		Statistics		Geometry: Properties of Shape (including Year 4 Position and Direction)			Consolidation	
Year 4	Number: Decimals		Measurement: Money		Measurement: Money		Statistics	Geometry: Properties of Shape	Geometry: Position and Direction		Consolidation	
Year 5	Consolidation	Number: Decimals			Geometry: Properties of Shape			Geometry: Position and Direction	Measurement: Converting Units		Measurement: Volume	
Year 6	Statistics		Geometry: Properties of Shape			Consolidation and Themed Projects						