



At Clavering Primary School, we are committed to recognising and nurturing the potential of every child. This belief is at the heart of our approach to teaching and learning in mathematics. Our aim is to equip every learner with the confidence, resilience, and skills they need to reach their full potential—developing their ability to calculate fluently, reason logically, solve problems, and think abstractly.

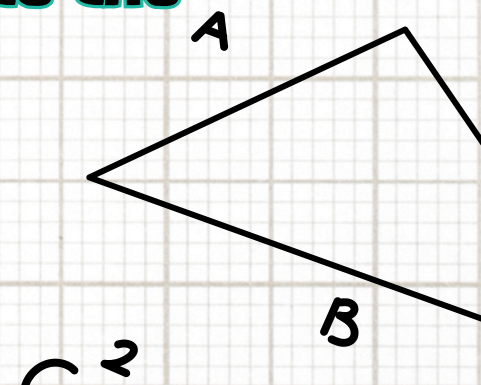
Through our teaching of mathematics, we aim to:

- **Build a deep conceptual understanding of mathematical ideas and their connections, enabling children to apply their learning to real-life situations.**
- **Develop pupils' ability to articulate, discuss, and explain their mathematical thinking using accurate and appropriate vocabulary, recognising how vital this is for communication and wider learning.**
- **Foster positive attitudes towards mathematics so that all children can experience success and enjoyment.**
- **Use a range of models, visual representations, and practical resources to secure strong conceptual understanding alongside procedural fluency.**
- **Provide opportunities for children to be resilient, spark curiosity, take risks, reflect on their learning, and take pride in their achievements.**

To achieve these aims, we have adopted a 'mastery' approach to the planning and teaching of mathematics, using the White Rose Maths Scheme of Learning as the foundation for our curriculum.

At Clavering Primary School, we ensure that mathematics is meaningful, relevant, and directly linked to the needs of our pupils and their future roles in society.

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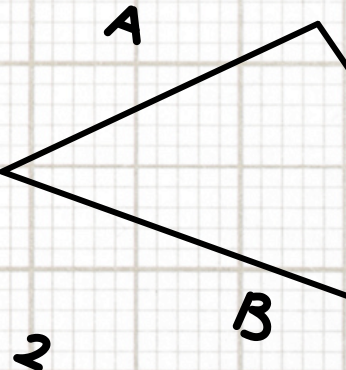


Teaching and Learning in Mathematics

Mathematics lessons at Clavering include the use of counting sticks, which are central to teaching number sequences and developing deductive reasoning. We also place a strong emphasis on mental maths, incorporating daily 'Fluent in Five' sessions from Third Space Learning to build fluency and confidence.

Standard written methods are taught progressively, following the White Rose Maths Schemes of Learning and our school's calculation policy. Practical problem-solving activities allow children to use concrete apparatus where appropriate, helping them to structure their thinking and embed learning into long-term memory.

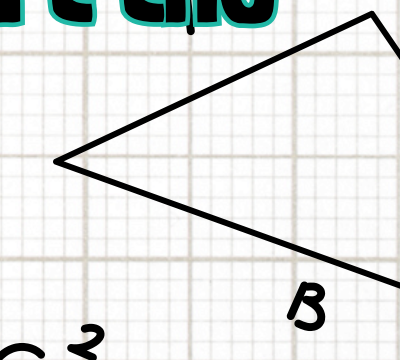
Children engage in a range of task types, including Varied Fluency, Problem Solving, and Use Your Head activities throughout each learning episode. They work individually, in pairs, and collaboratively as a class, developing not only the ability to find correct solutions but also to explain their reasoning, apply their understanding in new contexts, and work confidently both independently and as part of a team.



Curriculum Design and Adaptation

In line with our intent statement, Clavering Primary School uses the White Rose Mathematics Scheme of Learning as a core planning tool. However, teachers adapt and tailor this scheme to meet the needs of individual cohorts. Adaptations are informed by summative assessment data, ongoing formative assessments, and pupil feedback to ensure that teaching responds effectively to children's needs.

Each year group's mathematics overview outlines the teaching units for every mathematical area, along with the suggested sequence and time allocation for each unit. While all curriculum content is covered within the year, teachers may adjust the order or duration of units to best support the specific learning needs of their class.



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	<div>Number</div> <div>Place value (within 20)</div> <div>FREE TRIAL</div> <div>VIEW</div>			<div>Number</div> <div>Addition and subtraction (within 20)</div> <div>VIEW</div>		<div>Number</div> <div>Place value (within 100)</div> <div>VIEW</div>			<div>Geometry</div> <div>Shape</div> <div>VIEW</div>			
	<div>Number</div> <div>Addition and subtraction (within 100)</div> <div>VIEW</div>				<div>Number</div> <div>Multiplication and division</div> <div>VIEW</div>			<div>Measurement</div> <div>Length and height</div> <div>VIEW</div>		<div>Statistics</div> <div>VIEW</div>	Consolidation	
	<div>Measurement</div> <div>Money</div> <div>VIEW</div>		<div>Number</div> <div>Fractions</div> <div>VIEW</div>		<div>Measurement</div> <div>Time</div> <div>VIEW</div>		<div>Measurement</div> <div>Mass, capacity and temperature</div> <div>VIEW</div>		<div>Geometry</div> <div>Position and direction</div> <div>VIEW</div>			

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	<div>Number</div> <div>Place value</div> <div>FREE TRIAL</div> <div>VIEW</div>				<div>Number</div> <div>Addition and subtraction</div> <div>VIEW</div>				<div>Geometry</div> <div>Shape</div> <div>VIEW</div>			
Spring	<div>Measurement</div> <div>Money</div> <div>VIEW</div>		<div>Number</div> <div>Multiplication and division</div> <div>VIEW</div>				<div>Measurement</div> <div>Length and height</div> <div>VIEW</div>		<div>Measurement</div> <div>Mass, capacity and temperature</div> <div>VIEW</div>			
Summer	<div>Number</div> <div>Fractions</div> <div>VIEW</div>			<div>Measurement</div> <div>Time</div> <div>VIEW</div>		<div>Statistics</div> <div>VIEW</div>		<div>Geometry</div> <div>Position and direction</div> <div>VIEW</div>		<div>Consolidation</div>		

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	<div>Number</div> <div>Place value</div> <div>FREE TRIAL</div> <div>VIEW</div>		<div>Free trial</div>	<div>Number</div> <div>Addition and subtraction</div> <div>VIEW</div>				<div>Number</div> <div>Multiplication and division A</div> <div>VIEW</div>				
Spring	<div>Number</div> <div>Multiplication and division B</div> <div>VIEW</div>		<div>Measurement</div> <div>Length and perimeter</div> <div>VIEW</div>		<div>Number</div> <div>Fractions A</div> <div>VIEW</div>		<div>Measurement</div> <div>Mass and capacity</div> <div>VIEW</div>					
Summer	<div>Number</div> <div>Fractions B</div> <div>VIEW</div>	<div>Measurement</div> <div>Money</div> <div>VIEW</div>	<div>Measurement</div> <div>Time</div> <div>VIEW</div>		<div>Geometry</div> <div>Shape</div> <div>VIEW</div>	<div>Statistics</div> <div>VIEW</div>	<div>Consolidation</div>					

Year 4 (v3)

Scheme of learning

Supporting materials

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	<div>Number</div> <div>Place value</div> <div>FREE TRIAL</div> <div>VIEW</div>			<div>Free trial</div>	<div>Number</div> <div>Addition and subtraction</div> <div>VIEW</div>			<div>Measurement</div> <div>Area</div> <div>VIEW</div>	<div>Number</div> <div>Multiplication and division A</div> <div>VIEW</div>			<div>Consolidation</div>
Spring	<div>Number</div> <div>Multiplication and division B</div> <div>VIEW</div>		<div>Measurement</div> <div>Length and perimeter</div> <div>VIEW</div>		<div>Number</div> <div>Fractions</div> <div>VIEW</div>				<div>Number</div> <div>Decimals A</div> <div>VIEW</div>			
Summer	<div>Number</div> <div>Decimals B</div> <div>VIEW</div>		<div>Measurement</div> <div>Money</div> <div>VIEW</div>		<div>Measurement</div> <div>Time</div> <div>VIEW</div>		<div>Consolidation</div>	<div>Geometry</div> <div>Shape</div> <div>VIEW</div>	<div>Statistics</div> <div>VIEW</div>	<div>Geometry</div> <div>Position and direction</div> <div>VIEW</div>		

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	<div> <div>Number</div> <div>Place value</div> <div>FREE TRIAL</div> <div>VIEW</div> </div>		<div> <div>Free trial</div> </div>	<div> <div>Number</div> <div>Addition and subtraction</div> <div>VIEW</div> </div>		<div> <div>Number</div> <div>Multiplication and division A</div> <div>VIEW</div> </div>			<div> <div>Number</div> <div>Fractions A</div> <div>VIEW</div> </div>			
Spring	<div> <div>Number</div> <div>Multiplication and division B</div> <div>VIEW</div> </div>		<div> <div>Number</div> <div>Fractions B</div> <div>VIEW</div> </div>		<div> <div>Number</div> <div>Decimals and percentages</div> <div>VIEW</div> </div>		<div> <div>Measurement</div> <div>Perimeter and area</div> <div>VIEW</div> </div>	<div> <div>Statistics</div> <div>VIEW</div> </div>				
Summer	<div> <div>Geometry</div> <div>Shape</div> <div>VIEW</div> </div>		<div> <div>Geometry</div> <div>Position and direction</div> <div>VIEW</div> </div>		<div> <div>Number</div> <div>Decimals</div> <div>VIEW</div> </div>		<div> <div>Number</div> <div>Negative numbers</div> <div>VIEW</div> </div>	<div> <div>Measurement</div> <div>Converting units</div> <div>VIEW</div> </div>		<div> <div>Measurement</div> <div>Volume</div> <div>VIEW</div> </div>		

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	<div><div>Number</div><div>Place value</div><div>FREE TRIAL</div><div>VIEW</div></div>	<div><div>Free trial</div></div>	<div><div>Number</div><div>Addition, subtraction, multiplication and division</div><div>VIEW</div></div>				<div><div>Number</div><div>Fractions A</div><div>VIEW</div></div>	<div><div>Number</div><div>Fractions B</div><div>VIEW</div></div>	<div><div>Measurement</div><div>Converting units</div><div>VIEW</div></div>			
Spring	<div><div>Number</div><div>Ratio</div><div>VIEW</div></div>	<div><div>Number</div><div>Algebra</div><div>VIEW</div></div>	<div><div>Number</div><div>Decimals</div><div>VIEW</div></div>	<div><div>Number</div><div>Fractions, decimals and percentages</div><div>VIEW</div></div>	<div><div>Measurement</div><div>Area, perimeter and volume</div><div>VIEW</div></div>	<div><div>Statistics</div><div>VIEW</div></div>						
Summer	<div><div>Geometry</div><div>Shape</div><div>VIEW</div></div>		<div><div>Geometry</div><div>Position and direction</div><div>VIEW</div></div>	<div><div>Themed projects, consolidation and problem solving</div><div>VIEW</div></div>								