

Adapted WRM curriculum overview for Elm Tree Primary School

At Elm Tree our Maths scheme of work is White Rose Maths. The White Rose Maths scheme outlines yearly frameworks which covers all aspects of the National Curriculum.

Our mission is to provide all our children with the same opportunity to learn with the support they need to fully grasp mathematical concepts. At the heart of the White Rose Maths scheme is the motto **“Everyone can do Maths: Everyone can!”** a vision that all at Elm Tree agree with. Through adopting both a CPA approach to learning and the Mastery Approach we are embedding a positive attitude towards Mathematics in all of our children and encouraging growth mindset.

White Rose Maths is a mainstream scheme of work and therefore the way we deliver the content is adapted in each class to take account of the complex learning needs of many of our children. Therefore children may be taught content based on their assessment step on B-Squared rather than their chronological year group to ensure all children’s knowledge is being built on strong foundations with a focus on promoting a deep and secure understanding before introducing the next mathematical concept. Therefore, in different areas of Maths children may access concepts from different year groups.

In addition, we recognise that for many of our children progression takes place through small steps and revisiting topics regularly helps to consolidate learning and maths fluency. Which is why we adopt a carousel approach to teaching Mathematics. Station 1 involves new teaching in line with the WRM SOW, Station 2 and 3 depends on the needs of the children but may include number formation, cardinality of number, space, shape and measure, vocabulary, times table practice and many more.

Gamification



The pedagogy of learning at our school is based on the Path 2 Success illustrated to the left. As we progress through the stages we develop from shallow learning to deep learning and ultimately to profound learning. As a result, we use engaging Maths games within the carousels to support the “play with it” aspect of progression and the intention of this is to improve recall and fluency of our children’s mathematical knowledge. The Maths games vary in each class to develop skills our children are currently learning, to consolidate previous learning, or to address gaps in mathematical knowledge.

Reception aged children or children at Progression Step 1, 2 or 3 on B-Squared

	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 term	Getting to know you (Take this time to play and get to know the children!) VIEW			Just like me! VIEW			It's me 1, 2, 3! VIEW			Light & dark VIEW		
Spring term	Alive in 5! VIEW			Growing 6, 7, 8 VIEW			Building 9 & 10 VIEW			Consolidation		
Summer term	To 20 and beyond VIEW			First, then, now VIEW			Find my pattern VIEW			On the move VIEW		

Year 1 aged children or children at Progression Step 3 or 4 on B-Squared

Autumn term	Number Place value (within 10) VIEW				Number Addition and subtraction (within 10) VIEW				Geometry Shape VIEW	Consolidation	
Spring term	Number Place value (within 20) VIEW		Number Addition and subtraction (within 20) VIEW		Number Place value (within 50) VIEW		Measurement Length and height VIEW		Measurement Mass and volume VIEW		
Summer term	Number Multiplication and division VIEW			Number Fractions VIEW		Geometry Position and direction VIEW	Number Place value (within 100) VIEW		Measurement Money VIEW	Measurement Time VIEW	Consolidation

Year 2 aged children or children at Progression Step 5 and 6 on B-Squared

Autumn term	Number Place value VIEW		Number Addition and subtraction VIEW		Geometry Shape VIEW
	Measurement Money VIEW	Number Multiplication and division VIEW		Measurement Length and height VIEW	Measurement Mass, capacity and temperature VIEW
	Statistics VIEW	Number Fractions VIEW	Geometry Position and direction VIEW	Problem solving	Measurement Time VIEW

Year 3 aged children or children at Progression Step 6 and 7 on B-Squared

Autumn term	Number Place value VIEW		Number Addition and subtraction VIEW		Number Multiplication and division VIEW	
	Number Multiplication and division VIEW		Measurement Length and perimeter VIEW	Number Fractions VIEW		Measurement Mass and capacity VIEW
	Number Fractions VIEW	Measurement Money VIEW	Measurement Time VIEW	Geometry Shape VIEW	Statistics VIEW	Consolidation

Year 4 aged children or children at Progression Step 7 on B-Squared

Autumn term	Number Place value VIEW	Number Addition and subtraction VIEW	Measurement Area VIEW	Number Multiplication and division VIEW	Consolidation	
Spring term	Number Multiplication and division VIEW	Measurement Length and perimeter VIEW	Number Fractions VIEW	Number Decimals VIEW		
Summer term	Number Decimals VIEW	Measurement Money VIEW	Measurement Time VIEW	Consolidation	Geometry Shape VIEW	Statistics Position and direction VIEW

Year 5 aged children or children at Progression Step 8 on B-Squared

Autumn term	Number Place value VIEW	Number Addition and subtraction VIEW	Number Multiplication and division VIEW	Number Fractions A VIEW		
Spring term	Number Multiplication and division VIEW	Number Fractions B VIEW	Number Decimals and percentages VIEW	Measurement Perimeter and area VIEW	Statistics VIEW	
Summer term	Geometry Shape VIEW	Geometry Position and direction VIEW	Number Decimals VIEW	Number Negative numbers VIEW	Measurement Converting units VIEW	Measurement Volume VIEW

Year 6 aged children or children at Progression Step 8 or 9 on B-squared.

Autumn term	<p>Number</p> <p>Place value</p> <p>VIEW</p>	<p>Number</p> <p>Addition, subtraction, multiplication and division</p> <p>VIEW</p>	<p>Number</p> <p>Fractions A</p> <p>VIEW</p>	<p>Number</p> <p>Fractions B</p> <p>VIEW</p>	<p>Measurement</p> <p>Converting units</p> <p>VIEW</p>	
Spring term	<p>Number</p> <p>Ratio</p> <p>VIEW</p>	<p>Number</p> <p>Algebra</p> <p>VIEW</p>	<p>Number</p> <p>Decimals</p> <p>VIEW</p>	<p>Number</p> <p>Fractions decimals and percentages</p> <p>VIEW</p>	<p>Measurement</p> <p>Area, perimeter and volume</p> <p>VIEW</p>	<p>Statistics</p> <p>VIEW</p>
Summer term	<p>Geometry</p> <p>Shape</p> <p>VIEW</p>	<p>Geometry</p> <p>Position and direction</p> <p>VIEW</p>	<p>Themed projects, consolidation and problem solving</p>			

Blank Levels

As a school we recognise that some of our children have significant speech and language delays and may be on blank levels which are much lower than their subject specific knowledge. Therefore, teachers may adjust problem solving or word problems to be appropriate for the blank level of the child.