



## Maths Overview

### **INTENT:**

At Pebworth First School, our aim is to stimulate the pupils' interest of Maths. Our intention is to allow students to engage in why we learn maths and how it is directly linked to financial literacy, scientific understanding and the development of technology whilst bringing maths alive. We give the students the ability to develop their fundamental skills and understanding of the key areas of the subject as well as engaging their interest through creative learning concepts.

### **IMPLEMENTATION:**

At Pebworth First School, we implement the curriculum to encourage students to be independent learners so that they learn to question and discuss maths-based issues that may affect their own lives. Throughout the school we use the White Rose Planning Scheme to support the long-term planning. White Rose suggests how long to spend on each block of learning, but the length of time spent is down to individual teachers to decide what is best for their classes' learning. Our students are assessed throughout the term. Each half term, students are assessed on their practical skills as well as through exam style questions to enable our students experience a smooth transition into the Blackminster Middle where they will sit their KS2 SATS tests in Year 6.

### **IMPACT:**

The lessons are designed to be fun and engaging and can vary from making cubes/cuboids using big blocks through to using different media to cement the topic under study, thus having impact. We are dedicated to ensuring our students leave our school with a solid foundation of knowledge, and they are confident and secure in their learning. We provide opportunities to challenge themselves to achieve a higher level of understanding hence preparing them for middle school. Formative assessment ensures that children are supported and challenged appropriately in future lessons. Through talking with children, we know that the children enjoy their Mathematics lessons. We track the progress children have made for Mathematics each term. We report the children's achievements in line with age related expectations to parents at the end of each year.

Maths is taught for one hour per day, with special Maths days timetabled throughout the year. An outline of our topics is as follows:



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	<b>Autumn Term</b>	<b>Spring Term</b>	<b>Summer Term</b>
<b>Yr 1</b>	Place Value Addition and Subtraction Shape	Place Value Addition and Subtraction Length and Height Mass and Volume	Multiplication and Division Fractions Position and Direction Place Value Money Time
<b>Yr 2</b>	Place Value Addition and Subtraction Shape	Money Multiplication and Division Length and Height Mass, capacity and temperature	Fractions Time Statistics Position and Direction
<b>Yr 3</b>	Place Value Addition and Subtraction Multiplication and Division	Multiplication and Division Length and Perimeter Fractions Mass and Capacity	Fractions Money Time Shape Statistics
<b>Yr 4</b>	Place Value Addition and Subtraction Multiplication and Division Area	Multiplication and Division Length and Perimeter Fractions Decimals	Decimals Money Time Shape Statistics Position and Direction
<b>Yr 5</b>	Place Value Addition and Subtraction Multiplication and Division Fractions	Multiplication and Division Fractions Decimals and Percentages Perimeter and Area Statistics	Shape Position and Direction Decimals Negative Numbers Converting Units Volume



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