

BARNSTON PRIMARY SCHOOL MEDIUM TERM PLANNING SUMMER



SUBJECT: Maths

YEAR GROUP: Yr 5.

YEAR IN CYCLE: Yearly

	NATIONAL CURRICULUM	ADDITIONAL SCHOOL CURRICULUM
Summer	<p>Pupils will be taught to:</p> <ul style="list-style-type: none"> To read Roman numerals to 1000 (M) and recognise years written in Roman numerals. To solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes To solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates. To multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams To recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents To solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25. To understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints To measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres To estimate volume [for example, using 1 cm³ blocks to build cuboids (including cubes)] and capacity [for example, using water] To use the properties of rectangles to deduce related facts and find missing lengths and angles To distinguish between regular and irregular polygons based on reasoning about equal sides and angles. Use knowledge of place value and addition and subtraction of two-digit numbers to derive sums and differences and doubles and halves of decimals (for example, 6.5 ± 2.7, half of 5.6, double 0.34) To multiply and divide whole numbers and those including decimals by 10, 100 and 1000. To multiply whole numbers and decimals using long multiplication To be able to find missing angles on a straight line and to be able to find missing angles around a point. 	<p>Pupils will be taught to:</p> <ul style="list-style-type: none"> To use the four rules of numbers and problem solving opportunity in a variety of mental maths, timed opportunities. Solve one-step and two-step problems involving whole numbers and decimals and all four operations, choosing and using appropriate calculation strategies, including calculator use To use the four rules of numbers and problem solving opportunity in a variety of mental maths, timed opportunities. Solve problems involving division, including numbers with remainders They will continue to use number in context, including measurement. Pupils extend and apply their understanding of the number system to the decimal numbers and fractions that they have met so far.
	ENTERPRISE	SOCIAL, SPIRITUAL, MORAL & CULTURAL
SCHOOL DRIVERS	<p>Fruit to Suit – accounting and profit/purchasing and stock control. Running own business. School Summer Fair-selling on stalls.</p>	