

BARNSTON PRIMARY SCHOOL MEDIUM TERM PLANNING SPRING



SUBJECT: Maths

YEAR GROUP: Yr 5.

YEAR IN CYCLE: Yearly.

	NATIONAL CURRICULUM	ADDITIONAL SCHOOL CURRICULUM
Spring	<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. Complete patterns with up to two lines of symmetry; draw the position of a shape after a reflection or translation To divide whole numbers and decimals using short division (bus stop method) To convert between percentages, fractions and decimals. To calculate the missing angle in a scalene, equilateral & isosceles triangle. To be able to identify and estimate acute, right, obtuse, reflex and right angles. Estimate, draw and measure acute and obtuse angles, using a protractor to a suitable degree of accuracy. Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero. Recognise and use square numbers and cube numbers and the notation for squared (2) and cubed (3). Solve problems involving multiplication and division including their knowledge of factors and multiples, squares and cubes. Divide numbers up to 4 digits by a one or two digit number and interpret remainders appropriately for context. To convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre) To calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm²) and square metres (m²) and estimate the area of irregular shapes To know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers 	<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
	ENTERPRISE	SOCIAL, SPIRITUAL, MORAL & CULTURAL
SCHOOL DRIVERS	Fruit to Suit – accounting and profit/purchasing and stock control. Running own business.	Chinese New Year – tangrams and Chinese History