



| Summer 2 | Geometry-Properties of Shape <br> Identify horizontal, vertical, perpendicular and parallel lines in relation to other lines <br> -compare and classify geometric shapes, including quadrilaterals and triangles, based on properties and sizes. Identify regular polygons, including equilateral triangles and squares, as those in which the side-lengths are equal and the angles are equal. (4G-2) <br> -identify acute and obtuse angles and compare and order angles up to two right angles by size <br> -Draw polygons, specified by coordinates in the first quadrant, and translate within the first quadrant. (4G-1) <br> - Find the perimeter of regular and irregular polygons (4G-2) <br> -identify lines of symmetry in 2-D shapes presented in different orientations <br> (4G-3) <br> -complete a simple symmetric figure with respect to a specific line of symmetry <br> (4G-3) <br> Statistics <br> -interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs <br> - solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs <br> Geometry- Position and Direction <br> Identify horizontal, vertical, perpendicular and parallel lines in relation to other lines <br> -describe positions on a 2-D grid as coordinates in the first quadrant <br> - plot specified points and draw sides to complete a given polygon <br> - describe movements between positions as translations of a given unit to the left/right and up/down |
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| Continuous Objectives <br> The continuous objectives are woven into the teaching continually during the year. <br> Children are given continual and regular opportunities to apply their knowledge to problem solving and reasoning. | Solve number and practical problems that involve all of the above and with increasingly large positive numbers, number and place value <br> -estimate and use inverse operations to check answers to a calculation <br> -solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why <br> -solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects <br> -solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number <br> -solve simple measure and money problems involving fractions and decimals to two decimal places <br> -solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days |


| Key Basic skills to be taught continuously through the year | Count from zero in multiples of 6, 7, 9, 25 and 1000 using bridging strategies as appropriate <br> Use knowledge of complements to 100 to find change from whole pounds <br> Use knowledge of complements to 60 to calculate time within an hour <br> Recall multiplication facts and related division facts for tables up to $12 \times 12$ <br> Read and write numbers up to 10000 and recognise the place value <br> of each digit <br> Recognise the place value of each digit in a four-digit number <br> Compare and order numbers up to 10000 <br> Partition numbers into place value columns <br> Partition numbers in different ways <br> Round any four-digit number to the nearest 10, 100 and 1000 <br> Use rounding to support estimation and calculation <br> Use knowledge of place value to derive new addition and subtraction facts <br> Use knowledge of inverse to derive associated addition and subtraction <br> facts and check answers <br> Double any number between 1 and 100 and find all corresponding halves <br> Add and subtract mentally $\mathrm{THTU} \pm \mathrm{U}, \mathrm{THTU} \pm \mathrm{T}, \mathrm{THTU} \pm \mathrm{H}, \mathrm{TU} \pm \mathrm{TU}$ and <br> HTU $\pm T U$ <br> Multiply numbers including decimals by 10 and 100 <br> Divide decimal numbers (to one decimal place) by 10 <br> Divide four-digit whole numbers by 100 <br> Use knowledge of inverse to derive associated multiplication and division facts <br> Use known facts to derive new facts <br> Use known facts to derive equivalent facts <br> Count up and down in tenths and hundredths and recognise the equivalent <br> decimal values <br> Recall fraction and decimal pairs to 1 <br> Identify fractions greater or less than a half <br> Identify equivalent fractions <br> Order, add and subtract fractions with the same denominator <br> Recognise decimal equivalents of fractions with a denominator of ten and one <br> hundred and also decimal equivalents of half, one quarter and three quarters <br> Round decimals with one decimal place to the nearest whole number <br> Tell and write the time from a 12-hour analogue clock and a clock with <br> Roman numerals and a digital clock display <br> Read, tell and write the time from a 24-hour clock <br> Convert between 12 and 24 -hour clocks <br> Convert between money and measures including time <br> Recognise right angles, straight angles, half and full turns and relate the turn <br> to a measurement in degrees <br> Identify different types of angles including acute and obtuse |
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