MATHS YEAR 5 - SUMMER

WEEK	UNIT OF MATHS - NUMBER	UNIT OF MATHS - NON-NUMBER (1 day each week throughout Summer Term)
1-6	**Decimals 2 and Converting Measure** • find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths • identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places • solve problems which require answers to be rounded to specified degrees of accuracy • solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate • use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places • solve simple measure and money problems involving fractions and decimals to two decimal places. • convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre), hour to minute] • solve problems involving converting between units of time • use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.	**Statistics – Pie Charts** • ***interpret and construct pie charts and use these to solve problems*** • **UNIT SPECIFIC VOCABULARY** graph, pie chart, data, interpret, construct, represent **Statistics – Mean** • calculate and interpret the mean as an average **UNIT SPECIFIC VOCABULARY** mean, average, formula **Geometry – Nets** • recognise, describe and build simple 3-D shapes, including making nets • identify 3-D shapes, including cubes and other cuboids, from 2-D representations- quick teach **UNIT SPECIFIC VOCABULARY** net, face, edge, vertex/vertices, polygon

	UNIT SPECIFIC VOCABULARY whole, decimal, decimal point, digit, equal parts, divide, tenths, hundredths, decimal place, decimal equivalents, round, fractions, conversion/convert, divide, unit of measure	
7-12	**Percentages** • recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal • 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. • recall and use equivalences between simple fractions, decimals and percentages, including in different contexts • solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison • solve problems which require answers to be rounded to specified degrees of accuracy • **UNIT SPECIFIC VOCABULARY** percentage, per cent, whole, part, fraction, decimal, simplest form, express, convert	