MATHS YEAR 4 - SUMMER

WEEK	UNIT OF MATHS - NUMBER	UNIT OF MATHS - NON-NUMBER (1 day each week throughout Summer Term)
1-6	**Fractions** • recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$] • ***add and subtract fractions with the same denominator*** • multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams • compare and order fractions, including fractions > 1 • solve simple measure and money problems involving fractions **UNIT SPECIFIC VOCABULARY** Whole, parts, equal parts, fraction, numerator, denominator, fraction bar, unit fraction, proper fraction improper fraction, mixed number	**Geometry – Shape Symmetry** • identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line • identify lines of symmetry in 2-D shapes presented in different orientations • complete a simple symmetric figure with respect to a specific line of symmetry. **UNIT SPECIFIC VOCABULARY** Sides, symmetry, line of symmetry, vertical line **Statistics – Timetables, Tables and Line Graphs** ***interpret and present discrete and continuous data using time graphs, timetables, line graphs*** • solve comparison, sum and difference problems using information presented in ***above*** • complete, read and interpret information in tables, including timetables **UNIT SPECIFIC VOCABULARY** Data, graph, table, tally, tally chart, timetable, time graph, line graph, vertical axis, horizontal axis, axes, interpret, compare, more than, less than, most, least, scale
7-12	**Decimals** • count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10	

	• count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten • recognise and write decimal equivalents of any number of tenths or hundredths • read and write decimal numbers as fractions [for example, 0.71 = $\frac{71}{100}$] • recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents • compare numbers with the same number of decimal places up to two decimal places • read, write, order and compare numbers with up to three decimal places • round decimals with one decimal place to the nearest whole number • round decimals with two decimal places to the nearest whole number and to one decimal place • ***solve simple measure and money problems involving decimals to two decimal places.*** • **estimate, compare and calculate different measures, including money in pounds and pence** • **use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling** **UNIT SPECIFIC VOCABULARY** Whole, decimal, decimal point, digit, equal parts, divide, tenths, hundredths, decimal place, decimal equivalents, fractions	