Endeavour – Maths Overview – Year 4

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
YEAR 4 AUTUMN TERM	**To know and use number (Place Value)** • Recognise the place value of each digit in a **four digit number (thousands, hundreds, tens, and ones).** • Identify, represent and estimate numbers using different representations. • Compare and order numbers up to 1000 • Estimate numbers up to 1000. • Find 1000 more or less than a given number • Count in multiples of 25. • Round any number to nearest 10, 100 and 1000. • Count backwards including working with negative numbers • Read Roman numerals to 100. • **Solve number problems and practical problems involving these ideas.**					**To add and subtract** • Add 2 and 3-digit numbers **mentally** using a range of strategies (see mental maths calculation policy) • Add numbers up to **4 digits,** using formal written methods of columnar addition. • Subtract 2 and 3-digit numbers **mentally** using a range of strategies (see mental maths calculation policy) • Subtract numbers up to **4 digits,** using formal written methods of columnar subtraction. • Estimate the answer to a calculation and use inverse operations to check answers. • Solve **1 and 2 step problems,** including missing number problems, deciding on which operation to use • Add and subtract amounts of money to give change, using both £ and p in practical contexts **(decimals)**			**To multiply and divide** • Recall **all multiplication facts** to 12 x 12 • Mentally multiply 3 numbers together • Recognise and use factor pairs • Solve problems involving multiplying and adding • Use place value facts to multiply mentally e.g. 16 x 5 can be done as 10 x 5 and 6 x 5 Or…. If I know 7 x 6=42 then… 70 x 6 = 420 • Multiply 2 and 3-digit numbers by a 1 digit		

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YEAR 4 SPRING TERM	**To multiply and divide** • Recall **all division facts** (within times tables) • Divide 1- and 2-digit numbers by 10 and 100. • Use place value facts to help divide larger numbers mentally e.g. 600 ÷ 3 = 200 • Divide 2 and 3-digit numbers by 1 digit • Solve division problems throughout				**To use fractions / decimals** • Recognise, find and name a wider variety of fractions **(length, shape and number)** • Recognise equivalent fractions **e.g. 2/3 = 6/9** • +/ - fractions of the same denominator (can include whole numbers) • Solve problems that involve fractions and decimals in different contexts • Count up and down in **hundredths** – recognise that hundredths arise from dividing one digit numbers by 100. • Recognise and write decimal equivalents of any number of tenths and hundredths. • Recognise decimal equivalents for **¼ ½ and ¾** • Round numbers with one decimal place to nearest whole number					**To understand the properties of shapes (angles, symmetry and 2D shape)** • Identify acute, right and obtuse angles • Compare and order angles • Identify lines of symmetry in 2D shapes presented in different manners • Complete a simple symmetric shape with a line of symmetry • Identify, compare and classify 2D shapes based on their properties and sizes • Focus on **quadrilaterals and triangles**		

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YEAR 4 SUMMER TERM	**To use measures** • Find the area of rectilinear shapes **(by counting squares)** • Measure and calculate the perimeter of rectilinear shapes in cm and m • Understand units of time e.g. minutes in an hour, how many weeks in a fortnight etc. • Tell the time to the nearest minute: **analogue 12h and 24h and digital** • Convert time between the clocks • Convert accurately between different units of measure **e.g. 4km = _____m or 300 seconds = _____ minutes** • Estimate, compare and calculate different measures					**To use statistics** • Present discrete and continuous data **e.g. bar charts, tables and line graphs** • Interpret and solve comparison, sum and difference problems			**To understand position & direction** • Read, write and plot coordinates in first quadrant • Plot points and draw sides to complete polygons • **Translation** – draw new positions and describe movement of shapes (left, right, up or down)			**Recapping any particular areas**	