Year 5 – LTP Maths Curriculum 2022-2023 LINKS / RECAP FROM PREVIOUS YEAR

AUTUMN 1 (7 ½ weeks)	AUTUMN 2 (7 weeks)	SPRING 1 (6 weeks)	SPRING 2 (6 weeks)	SUMMER 1 (6 weeks)	SUMMER 2 (6 ½ weeks)
RECAP – times tables and arithmetic methods from Y4 (1 ½ weeks) **Geometry: 6 weeks** Identify angles Compare and order angles Measure angles in degrees Draw and measure with a protractor Draw lines and angles Calculate angles on a straight line Calculate angles around a point Recognise and describe 2d shapes Triangles Quadrilaterals Calculate lengths and angles in shapes Regular and irregular polygons Recognise and describe 3d shape Reasoning about 3D shapes Horizontal and vertical Parallel and perpendicular Describe position Draw on a grid Position in the first quadrant Translation Translation with co-ordinates Lines of symmetry Completing symmetric figures Reflection Reflection with co-ordinates	**Place value: 4 weeks** Numbers to 10,000 Numbers to 100,000 (read, write, represent, identify the value, partition, compare, order and place / estimate on number lines) Numbers to 1,000,000 (read, write, represent, identify the value, partition, compare, order and place / estimate on number lines) Rounding Negative numbers **Decimal pv: 3 weeks** **Count in tenths and hundredths** **Count in thousandths** **Decimals to 3dp (read, write, represent, identify the value, partition, compare, order and place on a number line)** **Tenths and hundredths as decimals / fractions** **Dividing whole numbers by 10, 100** **Identify the value of a whole number in tenths / hundredths** **Identify the value of a tenth in hundredths** **Rounding decimals**	**Add and subtract: 2 weeks** Mental strategies Sequences Add / subtract in a column Rounding to estimate Inverse operations Multi-step problems **Decimal add /subtract:2wks** **Adding and subtracting decimals within 1** **Complements to 1** **Crossing the whole** **Different decimal places** **Adding / subtracting whole numbers and decimals** **Decimal sequences** **Multi-step problems** **Measure – money: 1 week** **Pounds and pence** **Compare and order money** **Estimating money** **Converting between pounds and pence** **Adding and subtracting money** **Finding change** **Money problem-solving** **Perimeter: 1 week** **Length** **Measure perimeter** **Perimeter on a grid** **Perimeter of rectangles and squares** **Perimeter of rectilinear shapes** **Calculating perimeter**	**Statistics: 1 week** **Read and interpret line graphs** **Draw line graphs** **Solve problems** **Read and interpret tables** **Two-way tables** **Mult and div: 2 weeks** Times tables fluency Multiples and factors Common factors Squares and cubes **Measure – area: 1 week** **Counting squares** **Area of squares and rectangles** **Area of compound shapes** **Multiplication and division: 1 week** Multiply and divide by 10, 100, 1000 Multiples of 10, 100 and 1000 **Measure – conversions: 1 week** **L – ml** **Kg – g** **Mm – cm – m – km**	**Multiplication and division: 2 weeks** Short multiplication method 4-digit x 1 -digit Long multiplication method 4-digit x 2-digit Divide 3-digit by 1-digit with and without remainders Divide 4-digit by 1-digit with and without remainders Interpret remainders Convert remainders into basic fractions (GD) Multi-step problems Scaling problems **Fractions: 4 weeks** What is a fraction? Equivalent fractions Fractions greater than 1 Convert between improper and mixed number Fraction sequences Compare and order fractions <1 Compare and order fractions >1 Add and subtract fractions Add fractions within 1 Add 3 or more fractions Add fractions – answer >1 Add mixed numbers Subtract fractions Subtract mixed numbers Subtract – breaking the whole Subtract 2 mixed numbers Unit fraction x whole number Non-unit fraction x whole number	**Fractions: 2 weeks** Mixed number x whole number Fractions of a quantity Fraction of a larger amount Use fractions as operators Problem solving with fractions **Converting between decimals and fractions** **Measure - time: 2 weeks** Years, months, weeks, days Hours, minutes, seconds Tell the time to the nearest minute Use am and pm Analogue to digital 12-hour and 24-hour Measuring time in seconds Durations of time Converting units of time Timetables Problem solving with time Timetables **Arithmetic revision** Adding and subtracting whole numbers & decimals Short & long multiplication Short division Multiplying and dividing by multiples of 10, 100, 1000 Adding / subtracting fractions Adding / subtracting mixed numbers Multiplying non-unit fractions Multiplying whole number and non-unit fraction.