YEAR 3 LONG TERM MATHS PLAN 2023-2024

Autumn 1

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Introductory Activities	**Number: Place Value** • Represent & partition numbers to 100 & 1000 • Complete and estimate on number lines to 100 & 1000 • Compare numbers to 100 • Count in 50s and 100s • Find 1, 10 or 100 more or less			**Number: Addition and Subtraction** • Add and subtract 1s, 10s and 100s (within & across 10 & 100) • Add two numbers (with & without exchanging) • Apply number bonds within 10		

Autumn 2

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Number: Multiplication & Division • Multiply using equal groups • Use arrays • Solve problems with multiples of 2, 5 and 10 • Solve problems involving sharing and grouping • Solve problems by multiplying and dividing by 3 and 4			**Number: Fractions** • Understand denominators of unit fractions and numerators of non-unit fractions • Compare and order unit & non-unit fractions • Place, count in, and find equivalent fractions on a number line • Find equivalent fractions as bar models			**Number: Addition and Subtraction** • Add and subtract 2 numbers (across 10, 100 & 1000) • Add and subtract 2- & 3-digit numbers	**Statistics** • Interpret pictograms • Interpret bar graphs

Spring 1

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Number: Addition and Subtraction • Add and subtract mentally (3-digit plus ones/tens/hundreds)	**Measurement: Money** • Use and convert pounds & pence • Add and subtract money • Find change		**Measurement: Time** • Find roman numerals to 12 • Tell the time to 5 minutes and to the minute • Read digital time	**Measurement: Length & Perimeter** • Measure in and use metres, centimetres, millimetres • Find equivalent lengths (m and cm, cm and mm) • Compare, add and subtract lengths	

Spring 2

Week 1	Week 2	Week 3	Week 4	Week 5
Measurement: Length & Perimeter • Explain, measure and calculate perimeter	**Number: Multiplying and Dividing** • Multiply and divide by 8 (inc. using the 2, 4 and 8 times table interchangeably) • Solve problems involving multiples of 10, repeated calculations & reasoning about multiplication. • Multiply a 2-digit number by a 1-digit number (with and without exchange) • Divide a 2-digit number by a 1-digit number (with no exchange, flexible partitioning, with remainders) • Use scaling			

Summer 1

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Number: Fractions • Add and subtract fractions • Partition the whole • Find unit (and non-unit) fractions of a set of objects • Use reasoning with fractions of an amount		**Geometry: Properties of Shape** • Find and compare turns and angles (inc. right angles) • Use horizontal, vertical, perpendicular and parallel as vocabulary • Recognise and describe 2-D & 3-D shapes • Draw polygons • Make 3-D shapes		**Measurement: Time** • Use A.M. & P.M., years, months, days, hours. • Use hours and minutes (start and end times & durations) • Use minutes and seconds • Use units of time to solve problems	

Summer 2

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Measurement: Mass & Capacity • Use scales • Measure in grams and kilograms • Find equivalent masses • Compare mass, capacity and volume • Measure capacity and volume in millilitres and litres • Find equivalent capacities and volumes (l and ml) • Add and subtract capacity and volume		**Statistics** • Interpret & draw pictograms • Interpret & draw bar charts • Collect and represent data • Interpret two-way tables		Consolidation	Year 4 Maths Preparation	

Key

Number
Statistics
Measurement
Geometry
Ratio & Proportion
Algebra