

SUMMER TERM MATHEMATICS OVERVIEW – YEAR 4

Daily Mathematics Lesson – 1 hour (one/two lessons each week to be a discrete arithmetic lesson)

1 x 30 minute discrete times tables lesson – Y4 target - 99 challenge (TTRS/use of tackling times table cards for early morning work)

BLOCKS	NATIONAL CURRICULUM OBJECTIVES KEY OBJECTIVES	SMALL STEPS	READY TO PROGRESS CRITERIA	Linked Step	
Decimals B 2 weeks	❖ recognise and write decimal equivalents of any number of tenths or hundredths ❖ Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ ❖ round decimals with one decimal place to the nearest whole number ❖ compare numbers with the same number of decimal places up to two decimal places	• Make a whole with tenths • Make a whole with hundredths • Partition decimals • Flexibly partition decimals • Compare decimals • Order decimals • Round to the nearest whole number • Halves and quarters as decimals			End of block assessment
Money 2 weeks	❖ estimate, compare and calculate different measures, including money in pounds and pence	• Write money using decimals • Convert between pounds and pence • Compare amounts of money • Estimate with money • Calculate with money • Solve problems with money			End of block assessment
Time 2 weeks	❖ read, write and convert time between analogue and digital 12- and 24-hour clocks ❖ solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days	• Years, months, weeks and days • Hours, minutes and seconds • Convert between analogue and digital time • Convert to the 24-hour clock • Convert from the 24-hour clock			End of block assessment

Consolidation 1 week					
Geometry 2 weeks	❖ compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes ❖ identify lines of symmetry in 2-D shapes presented in different orientations ❖ identify acute and obtuse angles and compare and order angles up to two right angles by size ❖ 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	• Understand angles and turns • Identify angles • Compare and order angles • Triangles • Quadrilaterals • Polygons • Lines of symmetry • Complete a symmetric figure	4G-2 Identify regular polygons, including equilateral triangles and squares, as those in which the side lengths are equal and the angles are equal. Find the perimeter of regular and irregular polygons. 4G-3 Identify line symmetry in 2D shapes presented in different orientations. Reflect shapes in a line of symmetry and complete a symmetric figure or pattern with respect to a specified line of symmetry.	• Triangles • Quadrilaterals • Polygons • Lines of symmetry • Complete a symmetric figure	End of block assessment
Statistics 1 week	❖ interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs ❖ solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs	• Interpret charts • Comparison, sum and difference • Interpret line graphs • Draw line graphs			End of block
Geometry	❖ describe positions on a 2-D grid as coordinates in the first quadrant ❖ describe movements between positions as translations of a given unit to the left/right and up/down ❖ plot specified points and draw sides to complete a given polygon	• Describe position using co-ordinates • Plot coordinates • Draw 2-D shapes on a grid • Translate on a grid • Describe translation on a grid			End of block