

Long Term Planning 2018 - 19

Numeracy – Class 4L and 4D

Term 1

Week Beg 3rd September	Number and Place Value	Recognise the place value in 4 digit number; Order and compare numbers; Find 1000 more or less
Week Beg 10th September	Addition and Subtraction	Use mental methods for addition; Use mental methods for subtraction; Solve 1 step word problems; Solve 2-step word problems
Week Beg 17th September	Geometry- Properties of shape	Identify lines of symmetry in 2D shapes; Reflect 2 D shapes along a line of symmetry; Complete symmetrical patterns; Make patterns by reflecting shapes in vertical lines of symmetry
Week Beg 24th September	Multiplication and division	Recall multiplication and division facts for 9 times table; Recall multiplication and division facts for 9 times table; Recall square numbers 12x12 and the related division facts; Recall 7times table; Finding factors; Solving problems using multiples.
Week Beg 1 st October	Fractions	Recognise and show using diagrams, families of equivalent fractions(2 lessons); Understand the relation between non-unit fractions and multiplication and division(2 lessons)
Week Beg 8 th October	Geometry- Position and direction	Translating a 2D shape; Co-ordinates map; Plotting the point; Translation on a grid.
Week Beg 15th October	Science Week	Measurement-Voluma and Capacity-Collins 4C PG 24-27

Term 2

Week Beg 29th October	Addition and subtraction	Addition chain; Written addition 3digits; Add with up to 4 digits using column method; Solve word problems
Week Beg 5 th November	Decimals	Understand the place value of tenths; Compare decimals with 1 decimal place; Round to the whole number; Solve word problems involving decimals to 1 place
Week Beg 12 th November	Measurement	Recording mass using decimal notation; multiples of standard weight; estimating and rounding masses; Calculate different measures of mass using decimals to 1 place.
Week Beg 19th November	Multiplication and division	Divide TO by O and HTO by O
Week Beg 26 th November	Multiplication and division	Multiplication using partition; Multiplication using partitioning and the grid method; Multiplication using the expanded written method; Mental multiplication
Week Beg 3 rd December	Measurement (Time)	Converting units of time; Using 12-hour clocks; Using 24-hour clocks; Changing times

Week Beg 10 th December	Assessment and Feedback	Using and Applying Skills - PUMA test Autumn - Feedback with pupils.
Week Beg 17 th December	Use and interpret data	Interpret and present discrete data using appropriate graphical methods, including bar charts, using a greater range of scales; Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs

Term 3

Week Beg Thursday 3 rd January	Number and Place Value	Ordering numbers beyond 1000; Place value problems; Rounding to the nearest; Negative numbers
Week Beg 7 th January	Addition and Subtraction	Use mental method for subtraction; Subtract numbers with up to 4 digits using column method; Estimate and use inverse operations to check answers to a calculation; Solve 2 step problems in contexts
Week Beg 14 th January	Geometry- Properties of shape	Acute and obtuse angles; identify acute and obtuse angles in 2d shapes; Compare and order angles up to 2 right angles by size; regular and irregular polygons
Week Beg 21 st January	Multiplication and division	Count in multiples of 25,100 and 1000; Multiply TOxO; Multiply TOxO using most efficient method; Solve problems
Week Beg 28 th February	Fractions	Use the number line to connect fractions and numbers; Count up and down in Hundredths and tenths; Finding non unit tenths and hundredths; Solve fraction problems
Week Beg 4 th February	Maths Week	Staistics-Collins 4C PG 48-54

Term 4

Week Beg 25 th February	Measurement (Length)	Covert between km and m; Convert from larger to smaller units of measurement; Estimate and compare length and round numbers; Calculate different measures of length using 1 decimal place.
Week Beg 4 th March	Book Week	Pie charts and bar charts
Week Beg 11 th March	Addition and Subtraction	Adding mentally; Subtracting mentally; Writing 2-step problems; adding numbers up to 4 digits.
Week Beg 18 th March	Addition and Subtraction	Estimate and use inverse operations to check answers; subtracting 4 digit numbers; Solve 2 step problems
Week Beg 25 th March	Assessments	PUMA assessment 2 (Spring)
Week Beg 1 st April	Statistics	Interpret and present discrete data using scaled bar charts; Interpret and present continuous data in simple time graphs; Solve problems using data presented in scaled pictograms,

		bar charts and tables; Solve problems using data presented in simple time graphs
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Term 5

Week Beg Tuesday 23rd April	Multiplication and division	Multiply HTOxO using partitioning; Multiply HTOxO using partitioning and the grid method; Multiply HTOxO using column method; Solve problems and reason mathematically.
Week Beg 29th April	Number-Decimals	Understand the place value of hundredths; Compare numbers with 2 decimals places; Divide 1 and 2 digit numbers by 10; Divide 1 and 2 digit numbers by 100.
Week Beg 6 th May	Measurement (Perimeter and Area)	Measure and calculate the perimeter of rectangles using the rule $P=2(A+B)$; Find the area of rectangles by counting squares; Find the area of rectangles and other shapes by counting squares; Use multiplication to calculate the area of rectangles.
Week Beg 13 th May	KS2 Optional Sats	
Week Beg 20 th May	Number and place Value	Order and compare numbers beyond 1000; Round any number to the nearest 10,100 and 1000;Count backwards through 0 to include negative numbers; Read and write Roman Numerals to 100

Term 6

Week Beg 3 rd June	Geometry (Positions and directions)	Use coordinates to describe the position of a point on a grid; Constellation coordinates; use coordinates to describe the position of a point on a grid; Plot specified points and join them to make 2 d shapes
Week Beg 10 th June	Geometry (Properties of shape)	Use properties and sizes to compare and classify triangles; Use properties and sizes to compare and classify parallelograms and rhombuses; Use properties and sizes to compare and classify trapezium and kites; Use properties and sizes to compare and classify quadrilaterals.
Week Beg 17 th June	SPORTS Week	.
Week Beg 24 th June	Fractions	Use factors and multiples to recognize equivalent fractions and simplify fractions; Add fractions with the same denominator; subtract fractions with the same denominator; solve simple measure and money problems involving fractions
Week Beg 1st July	Decimals	Recognise and write decimal equivalents of any number of tenths and Hundredths; Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$; Compare decimal with up to 2 places; divide 1 and 2 digit by 10 and 100.

Week Beg 8 th July	Transition Week	
Week Beg 15 th July	Transition Week	
Week Beg 22 nd July	INSETS	