Long Term Planning 2017-18

Numeracy – Class 4CL

Term 1

Week Beg 4th September	Number and Place Value	Recognise the place value in 4 digit number; Order and compare numbers; Find 1000 more or less
Week Beg 11th 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 18th 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 25th 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 2nd 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 9th October	Geometry-Position and direction	Translating a 2D shape; Co-ordinates map; Plotting the point; Translation on a grid.
Week Beg 16th October	**Science Week**	Measurement-Voluma and Capacity-Collins 4C PG 24-27

Term 2

Week Beg 30th October	Addition and subtraction	Addition chain; Written addition 3digits; Add with up to 4 digits using column method; Solve word problems
Week Beg 6th 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 13th 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 20th November	Multiplication and division	Divide TO by O and HTO by O
Week Beg 27th November	Multiplication and division	Multiplication using partition; Multiplication using partitioning and the grid method; Multiplication using the expanded written method; Mental multiplication
Week Beg 4th December	Measurement (Time)	Converting units of time; Using 12-hour clocks; Using 24-hour clocks; Changing times

Week Beg 11th December	Assessment and Feedback	Using and Applying Skills - PUMA test Autumn - Feedback with pupils.
Week Beg 18th 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 Wednesday 3rd January	Number and Place Value	Ordering numbers beyond 1000; Place value problems; Rounding to the nearest; Negative numbers
Week Beg 8th 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 15th 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 22nd January	Multiplication and division	Count in multiples of 25,100 and 1000; Multiply TOxO; Multiply TOxO using most efficient method; Solve problems
Week Beg 29th 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 5th February	**Maths Week**	Staistics-Collins 4C PG 48-54

Term 4

Week Beg 19th 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 26th February	**Book Week**	Pie charts and bar charts
Week Beg 5th March	Addition and Subtraction	Adding mentally; Subtracting mentally; Writing 2-step problems; adding numbers up to 4 digits.
Week Beg 12th March	Addition and Subtraction	Estimate and use inverse operations to check answers; subtracting 4 digit numbers; Solve 2 step problems
Week Beg 19st March	Assessments	PUMA assessment 2 (Spring)
Week Beg 26th March	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

Term 5

Week Beg 16th 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 23rd 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 30th April	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 7th May	**KS2 Optional Sats**	
Week Beg 14th 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
Week Beg 21st May	**Arts and Cultural Week**	

Term 6

Week Beg 4th 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 11th 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 18th June	**SPORTS Week**	.
Week Beg 25th 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 2nd July	Decimals	Recognise and write decimal equivalents of any number of tenths and Hundredths; Recognise and write decimal equivalents to ¼, ½, ¾ ; Compare decimasl with up to 2 places; divide 1 and 2 digit by 10 and 100.
Week Beg 9th July	**Transition Week**	
Week Beg 16th July	**Transition Week**	
Week Beg 23rd July	INSETS	

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Week Beg 23rd July	INSETS	