

**Long Term Planning 2018 - 19**

**Numeracy – Class 3G & 3S**

**Term 1**

Week Beg 3rd September	Number and Place Value	Recognise the place value in 2 and 3 digit numbers; Partition 2 digit numbers Order and compare numbers to 1000; Find 100 more or less
Week Beg 10th September	Addition and Subtraction	Use mental methods for addition; Add 2 two digit numbers. Add 1 and 10 to 3 digit numbers. Use mental methods for subtraction for 2 two digit numbers; Solve 1 step word problems;
Week Beg 17th September	Geometry- Properties of shape	Recognise and name 3 D shapes .Sort and describe 3 D shapes .Identify lines of symmetry in 2D shapes; Reflect 2 D shapes along a line of symmetry;
Week Beg 24th September	Multiplication and division	Recall multiplication and division facts for 2 5 10 3 times table; Recall multiplication and division facts for 9 times table;; Solving problems using multiples.
Week Beg 1st October	Fractions	Recognise and show using diagrams, families of equivalent fractions Find fractions of a set of objects. Solve fraction problems. Add fractions with the same denominator
Week Beg 8th October	Measurement	Know how many grams are equal to $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{3}{4}$ of 1 kg. Read scales marked in kg and in g. compare masses and multiples of mass in kg and g. Add and subtract mass in kg and g.
Week Beg 15th October	<b>Science Week</b>	Measurement-

**Term 2**

Week Beg 29th October	Addition and subtraction	Add mentally a 3 digit number and 1s , Solve missing number problems, add mentally a 3 digit number and 10s and 100s. Solve word problems and reason mathematically.
Week Beg 5th November	Addition and subtraction	Subtract mentally a 3 digit number and 1s and 10s and 100s. Solve missing number problems. Solve word problems.
Week Beg 12th November	Measurement Properties of shape	Find right angles in 2 D shape. Make and describe right-angled turns. Give and follow instructions to make turns. Test if an angle if greater than or less than a right angle.
Week Beg 19th November	Multiplication and division	Count in multiples of 4. Recall multiplication and division facts for the 4 times tables Use doubling. Write multiplication statement that matches a division statement.
Week Beg 26th November	Multiplication and division	Count in multiples of 8 Recall multiplication and division facts for the 8 times tables Use doubling Solve word problems and reason mathematically.
Week Beg 3rd December	Measurement (Time)	Tell and write the time to the minute. Use a time line and the vocabulary of time. Read time to the minute with Roman numerals and on a 24 hour clock.

Week Beg 10 <sup>th</sup> December	Assessment and Feedback	Using and Applying Skills - PUMA test Autumn - Feedback with pupils.
Week Beg 17 <sup>th</sup> December	Use and interpret data	Read information on bar charts, pictograms, tables and other graphs. Solve comparison, sum and difference problems using information

### Term 3

Week Beg Thursday 3 <sup>rd</sup> January	Number and Place Value	Recognise place value of each digit in a 3 digit number. Compare and order numbers up to 1000. Estimate numbers using money..
Week Beg 7 <sup>th</sup> January	Addition and Subtraction	Add amounts of money. Subtract amounts of money to give change. Solve word problems involving money.
Week Beg 14 <sup>th</sup> January	Geometry- Properties of shape	Draw and name 2D/3D shape describing the properties
Week Beg 21 <sup>st</sup> January	Multiplication and division	Count in multiples of 2,4 and 8 Halving . 2 digit by 1 digit column method of multiplication. Solve word problems .
Week Beg 28 <sup>th</sup> February	Fractions	Recognise, find and write unit fractions of a set of objects. Investigate non-unit fractions. Ordering fractions and fractions with the same denominator. Write fractions on a number line.
Week Beg 4 <sup>th</sup> February	<b>Maths Week</b>	Staistics-Collins 4C PG 48-54

### Term 4

Week Beg 25 <sup>th</sup> February	Measurement (Length)	Measuring in cms to nearest mm. Measure and compare lengths in m and cm. Add and subtract length using mixed units.
Week Beg 4 <sup>th</sup> March	<b>Book Week</b>	Pie charts and bar charts
Week Beg 11 <sup>th</sup> March	Addition and Subtraction	Estimate and add 3 digit numbers using the formal written method of column addition. Add mentally and use inverse to check calculation.
Week Beg 18 <sup>th</sup> March	Addition and Subtraction	Estimate and subtract 3 digit numbers using the formal written method of column subtraction. Add mentally and use inverse to check calculation. Solve word problems involving money.
Week Beg 25 <sup>th</sup> March	Assessments	PUMA assessment 2 (Spring)
Week Beg 1 <sup>st</sup> April	Statistics	Interpret and present data using tally tables, charts, pictograms. Interpret and present data in bar charts with intervals in multiples of 2. Use information in pictograms, bar charts and tables to answer questions.

Term 5

Week Beg Tuesday 23rd April	Multiplication and division	Count on and back in steps of 50 and 100; Consolidate recall of multiplication facts for times tables and related facts for multiples of 10. Multiply HTOxO using column method; Solve problems and reason mathematically.
Week Beg 29th April	Number-Fractions	Compare and order fractions with the same denominator. Subtract fractions within one whole. Recognise equivalent fractions
Week Beg 6 <sup>th</sup> May	Measurement (Perimeter and Area)	Calculate the perimeter of rectangles in cm and m. Draw and calculate the perimeter of rectangles and 2 D shapes.
Week Beg 13 <sup>th</sup> May	<b>KS2 Optional Sats</b>	
Week Beg 20 <sup>th</sup> May	Number and place Value	Order and compare numbers up to 1000; Partition 3 digit numbers and solve number problems

Term 6

Week Beg 3 <sup>rd</sup> June	Addition and Subtraction	Add and subtract 3 digit numbers using formal written method of column addition. Adding and Subtraction of money. Solve word problems.
Week Beg 10 <sup>th</sup> June	Geometry (Properties of shape)	Recognise horizontal, vertical perpendicular lines. Describe the properties of 2 and 3 D shape. Build nets.
Week Beg 17 <sup>th</sup> June	<b>SPORTS Week</b>  <b>Multiplication and division</b>	.Use partitioning to solve TOxO Solve problems and reason mathematically.
Week Beg 24 <sup>th</sup> June	Fractions	
Week Beg 1st July	Measurement Volume and capacity	
Week Beg 8 <sup>th</sup> July	<b>Transition Week</b> <b>Measurement time</b>	
Week Beg 15 <sup>th</sup> July	<b>Transition Week</b> <b>Statistics</b>	
Week Beg 22 <sup>nd</sup> July	INSETS	