St Paul's C of E Primary School

Maths Long Term Plan Year 3

DOMAINS	TERM 1	TERM 2	TERM 3
NUMBER	• To read and write numbers to 1000 • Place Value 3 digit numbers • To find 10 0r 1000 more or less	• Place Value 3 digit numbers • Counting in 1s 10s and 100s • To count in multiples of 4,8,50, and 100	• To use place value to partition numbers • Ordering numbers • To count in multiples of 4,8,50, and 100 and to give 10 or 100 more of a given number.
ADDITION & SUBTRACTION	• To mentally add or subtract 3 digit and ones. • To mentally add or subtract 3 digit and ten • To mentally add or subtract 3 digit and hundreds • Mentally +/- one digit numbers to or from 2 digit numbers.	• +/- Multiples of 10 and 100 • To use known number facts • Mentally +/- one digit numbers to or from 2 digit numbers. • Mentally +/- one or 2 digit numbers to or from 3 digit numbers. • Written column method addition • Written column method subtraction up to 4 digits • Estimating Answers • Addition Pyramids	Using known facts • +/- Multiples of 10 and 100 • +/- Near Multiples of 10 and 100 • To partition to add and subtract numbers mentally • To use the inverse action to check answers • To solve missing number problems • To solve word problems • To solve magic square problems.
MULTIPLICATION & DIVISION	• Review- recall multiplication/division facts for 2, 5 and 10 • To recall and use facts for x3 • To recall and use facts for x4 • Multiply by multiples of 10 • Multiply by multiples of 10 by 1 digit numbers • Written method of multiplication • Grouping • Written method of division (chunking)	• Review- recall multiplication/division facts for 2,3,4, 5 and 10 • Multiplication facts for 8 • Connect the 2, 4, and 8 times tables by doubling and halving • Multiply by multiples of 10 by 1 digit numbers • Divide multiples of 10 by one digit numbers. • Written method of division (chunking) • Written method of multiplication(Grid method) • Division word problems • To use multiplication and division to solve word problems • To mentally solve word problems	• Review- recall multiplication/division facts for 2,3,4, 5, 8 and 10 • Grid method of multiplication • Chunking method of written division • Solving written methods of division and multiplication including 3 digit numbers • Solve word problems • To solve number problems mentally

FRACTIONS	• To identify and name unit and non – • unit fractions • To count in 10ths • To find fractions of set of objects and quantities	• To divide 1s by 10s • To find fractions of set of objects and quantities • Equivalent fractions • Fraction pairs making 1	• Fractions of quantities • Equivalent fractions • +/- of fractions • Comparing fractions
MEASUREMENT	• Measuring length • Compare and use mixed units of length weight and capacity • Addition and subtraction of length • To read the time • Units of time • Time word problems • To calculate amounts of money using £ and pence • To find change (addition and subtraction) • Word problems - measure	• Measuring weight • Measuring length • Compare and use mixed units of length weight and capacity • Addition and subtraction of mixed measures • Addition and subtraction of weight • To read the time analogue and digital • Addition and subtraction of money using £ and pence • To find change (addition and subtraction) • Word problems – measure multiplication and division	• Measuring capacity • Perimeter • To count measures in 1s 10s and 100s • Addition and subtraction of capacity • Calendars • Television times • Time problems • Measure problems • Multiplication and division measure word problems
GEOMETRY	• Draw 2d shapes • To recognise and describe 2d shapes • To recognise half turns, three quarter turns and whole turns as numbers of right angles.	• To identify right angles and whether angles are greater or less than right angles • Horizontal and vertical lines • Parallel and Perpendicular lines	• Making 3d shapes • To recognise and describe 3D shapes • To identify right angles, acute angles and obtuse angles in shapes
STATISTICS	• Presenting data – pictograms • Interpreting data - pictograms	• Presenting data – bar charts • Interpreting data – bar charts	• Interpreting data – bar charts- solving problems • Using tables
REVIEW/ASSESSMENT	Rising Stars Domain Tests	Rising Stars Domain Tests	Number review Calculation review Fractions Review Measure Review Geometry review Mental tests