

St Paul's C of E Primary School

Maths Long Term Plan Year 4

DOMAINS	TERM 1	TERM 2	TERM 3
NUMBER	<ul style="list-style-type: none"> To read and write numbers beyond 1000 Place Value 4 digit numbers To find 10, 100 Or 1000 more or less 	<ul style="list-style-type: none"> Ordering numbers beyond 1000 Counting in 10s 25s 50s 100and 1000s To round any number to the nearest 10, 100 or 1000 	<ul style="list-style-type: none"> Negative numbers Rounding numbers to the nearest 10, 100 or 1000 Roman Numerals
ADDITION & SUBTRACTION	<ul style="list-style-type: none"> Add/subtract multiples of 10 and 100 mentally. Add/subtract multiples of 10, 100 and 1000 mentally. Mentally add and subtract 2 digit numbers Column addition Column subtraction Addition Pyramids 	<ul style="list-style-type: none"> Add/subtract number facts to find other related facts Add/subtract numbers by counting up. Mentally add and subtract 3 and 4 digit numbers Column Addition3 digit and 4 digit numbers Column Division 3 digit and 4 digit numbers Magic Squares 	Using known facts <ul style="list-style-type: none"> +/- to the nearest multiple of 10 and adjust +/- to use a variety of strategies mentally Column Addition 4digit and 5 digit numbers Column Division 4 digit and 5 digit numbers Estimating and Checking Answers Arithmagons
MULTIPLICATION & DIVISION	<ul style="list-style-type: none"> Review- recall multiplication/division facts for To recall and use facts for x6 To recall and use facts for x7 To recall and use facts for x9 Multiply by multiples of 10 Multiply by multiples of 10 and 100 by 1and 2 digit numbers Division of multiples of 10 and 100 by 1and 2 digit numbers Written method of multiplication (grid method) Written method of division (chunking) Solve word problems 	<ul style="list-style-type: none"> Review- recall multiplication/division facts for all tables. Multiplication facts for 11 and 12 times tables Factors Partitioning to multiply. Written method of division (chunking) Written method of division (short division) Written method of multiplication(Grid method) word problems (mental) 2 step word problems Word problems (written) 	<ul style="list-style-type: none"> Review- recall multiplication/division facts for all tables – missing number problems Partitioning to multiply. Written method of division (chunking) Written method of division (short division) Written method of multiplication(Grid method) word problems (mental) 2 step word problems Word problems (written) Multiplication pyramids Find the number- problem Solving
FRACTIONS	<ul style="list-style-type: none"> Fractions of quantities Equivalent fractions Counting in fractions Tenths and Hundredths – dividing one by 1 by 10 or 100 Decimal fractions – tenths Decimal fractions – equivalents of tenths and hundredths 	<ul style="list-style-type: none"> Fractions of quantities Equivalent fractions Addition of fractions Tenths and Hundredths – dividing one by 1 by 10 or 100 Decimal fractions – tenths Decimal fractions – equivalents of tenths and hundredths Dividing a 2 digit number by 10, 100 Counting in fractions Decimals of money and measures Counting in decimals 	<ul style="list-style-type: none"> Fractions of quantities Ordering fractions +/- of fractions Rounding fractions Decimals on Number Lines

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MEASUREMENT	<ul style="list-style-type: none"> • Metric Units of length • Metric Units of weight • Metric Units of capacity • Perimeter • Area • 12 hour and 24 hour clocks • Units of time • Time problems 	<ul style="list-style-type: none"> • Metric units of length • Metric units of weight • Metric units of capacity • Measuring weight • Measures problem solving • Perimeter and Area • Addition and subtraction of money • Mental money problems 	<ul style="list-style-type: none"> • Measuring capacity • Measure word problems • Measures – mental calculations • Multiplication of money • Division of money • Mental money problems • Units of time • Time problems
GEOMETRY	<ul style="list-style-type: none"> • To recognise and describe 2d shapes • Triangles • Line Symmetry • Comparing Angles • Position 	<ul style="list-style-type: none"> • Quadrilaterals • Symmetry • Co-ordinates • Position and Direction 	<ul style="list-style-type: none"> • Drawing 2d shapes • Symmetry • Co-ordinates • translations
STATISTICS	<ul style="list-style-type: none"> • Presenting data – bar charts • Interpreting data - pictograms 	<ul style="list-style-type: none"> • Interpreting data – bar charts • Continuous data • Using tables 	<ul style="list-style-type: none"> • Interpreting data – bar charts- solving problems • Continuous data
REVIEW/ASSESSMENT	Rising Stars Domain Tests	Rising Stars Domain Tests	Number review Calculation review Fractions Review Measure Review Geometry review Mental tests