Holy Trinity and S.Silas
Maths Curriculum Overview
Year 3

Number: Number and Place Value

Counting	Understanding place value	Reading and Writing numbers	Identifying, representing and estimating numbers	Comparing numbers	Problem solving
Count from 0 in multiples of 4,8, 50 and 100; find 10 or 100 more or less than a given number	Recognise the place value of each digit in a three digit numbers (100s, 10s, 1s)	Read and write numbers up to 1000 in numerals and words	Identify, represent and estimate numbers using different representations	Compare and order numbers up to 1000	Solve number problems and practical problems involving these ideas

Number: Addition and Subtraction

Mental calculation		Written methods		Inverse operations, estimating and checking answers		Problem solving
Add and subtract numbers mentally, including a 3 digit number and ones; a 3 digit number and tens and a 3 digit number and hundreds		Add and subtract numbers with up to 3 digits, using formal written methods of column addition and subtraction		Estimate the answer to a calculation and use inverse operations to check answers		Solve problems, including missing number problems, using number cats, place value and more complex addition and subtraction

Number: Multiplication and Division

Mental Calculation		Written Calculation		Problem solving			
Recall and use multiplication and division facts for the 3, 4 and 8 times table	Write and calculate mathematical statements for x and divide using the multiplication tables	Write and calculate mathematical statements for a x and divide using the multiplication tables that they know, including for the two-digit numbers multiplied by one-digit numbers, using mental and progressing to formal written methods, including the grid method for multiplication and chunking for division		Solve problem, including missing number problems, involving x and divide, including positive integer scaling problems and correspondence (for example, four times as high, eight times as long etc.) problems in which 'n' objects are related to 'm' objects (for example, 3 hats and 4 coats, how many different outfits?; 12 different sweets shared equally between 4 children)	Divide without remainders just beyond the 12th multiple	Use grid method to multiply two digit numbers by 3, 4, 5 and 8	Decide whether to use multiplication or division to solve word problems

Number: Fractions

Counting in fractional steps	Recognising fractions	Comparing fractions	Adding fractions	Equivalence	Problem solving
Count up and down in tenths	Recognise that tenths arise from dividing an object into ten equal	Compare and order unit fractions, ad fractions with the same denominators	Add and subtract fractions with the same denominator within one whole (for	Recognise and show, using diagrams, equivalent fractions	Solve problems that involve all previous

parts and in dividing 1-digit numbers or quantities by ten, Find 1/10 and several tenths of multiples of 10 Begin to find 1/10 of single digit numbers				example, 5/7 +1/7=6/7)		with small denominators		

Measurement								
Comparing and estimating			**Measuring and calculating, including money**			**Telling the time**		
Compare durations of events, e.g calculate the time taken by particular events or task).	Know how many grams are in a kilogram	Estimate and weigh objects to the nearest 100g	Measure the perimeter of simple 2D shapes	Measure, compare , add and subtract lengths (m/cm/mm) mass 9kg/g) volume/capacity (l/ml)	Add and subtract amounts of money, give change using both £ and p in practical contexts	Tell and write the time from an analogue clock including using roman numeral from I to XII and 12 hour and 24 hour clock	Know the number of seconds in a minute and the number of days in each month, year and leap year	Estimate and read time with increasing accuracy to the nearest minute; records and compare time in terms of seconds, minutes and hours: use vocabulary such as o'clock, am/pm, morning, noon and midnight

Geometry					Statistics	
Properties of shape					**Interpreting, constructing and representing data**	
Drawing and constructing		**Angles**				
Draw 2-D shapes and make 3D shapes using modelling materials: recognise 3D shapes in different orientations and describe them	Recognise angles as a property of a shape or a description of a turn	Identify right angles, recognise that two right angles make a half turn, three make three quarters of a turn and four make a complete turn; identify whether angles are greater than or less than a right angle	Identify horizontal and vertical lines and pairs of perpendicular and parallel lines		Interpret and present data using bar charts, pictograms, blocks, graphs and tables	Solve on-step and two-step questions (for example, 'how many more? And How many fewer?') using information presented n scaled bar charts, pictograms and tables