St Luke's Catholic Primary School

Year 3 Maths Objectives

Topic	Objective
Number and Place Value	1. I can read and write numbers up to 1,000 in numerals and in words
	2. I can compare and order numbers up to 1,000
	3. I can count from 0 in multiples of 4, 8, 50 and 100;
	4. I know the place value of each digit in a 3-digit number (100s, 10s, 1s)
	5. I can find 10 or 100 more or less than a given number
	6. I can identify, represent and estimate numbers using different representations
	7. I can solve number problems and practical problems involving these ideas.
Addition and Subtraction	8. I can add and subtract mentally a three-digit number and 1s
	9. I can add and subtract mentally a three-digit number and 10s
	10. I can add and subtract mentally and a three digit number and 100s
	11. I can add and subtract numbers with up to 3 digits, using formal written methods
	12. I can estimate the answer to a calculation and use inverse operations to check my answers
	13. I can solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction
Multiplication and Division	14. I can recall and use multiplication and division facts for the 3, 4 and 8 times tables
	15. I can write and calculate mathematical statements for multiplication and division using the multiplication tables that I know, including two-digit numbers times one-digit numbers, using mental and progressing to formal written methods
	16. I can solve problems, including missing number problems, positive integer scaling problems e.g *four times as long* and correspondence problems in which n objects are connected to m objects e.g. *3 hats and 4 coats, how many different outfits?*
Fractions	17. I can count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10
	18. I can recognise, find and write fractions of a discrete set of objects: unit fractions e.g. *1/3* and non-unit fractions *2/3* with small denominators
	19. I can recognise and use fractions as numbers: unit fractions e.g. *1/3* and non-unit fractions e.g. *2/3* with small denominators
	20. I can recognise and show, using diagrams, equivalent fractions with small denominators
	21. I can add and subtract fractions with the same denominator within one whole e.g. 5/7 + 1/7 = 6/7
	22. I can compare and order unit fractions, and fractions with the same denominators
	23. I can solve problems that involve all of the above
Measurement	24. I can measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
	25. I can measure the perimeter of simple 2-D shapes
	26. I can add and subtract amounts of money to give change, using both pounds and pence in practical contexts

	27. I can tell and write the time from an analogue clock, 12-hour and 24-hour clocks
	28. I can tell and write the time from an analogue clock using Roman numerals from I to XII
	29. I can estimate and read time with increasing accuracy to the nearest minute, record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight
	30. I know the number of seconds in a minute and the number of days in each month, year and leap year
	I can compare durations of events [for example, to calculate the time taken by particular events or tasks]
Shape	31. I can draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them
	32. I can recognise angles as a property of shape or a description of a turn
	33. I can identify right angles, recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn
	34. I can identify whether angles are greater than or less than a right angle
	35. I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines
Statistics	36. I can interpret and present data using bar charts, pictograms and tables
	37. I can solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables