YEAR 3 MATHS TARGETS **Name:**

Number and place value	**1. I can count from 0 in multiples of 4, 8, 50 and 100.**			
	2. I can compare and order numbers up to 1,000.			
	3. I can read and write numbers to 1,000 in numerals and words.			
	4. I can find 10 or 100 more or less than a given number.			
	5. I can recognise the place value of each digit in a 3-digit number.			
	6. I can identify, represent and estimate numbers using different representations.			
	7. I can solve number problems and practical problems using above.			
Calculations	**8. I can add and subtract mentally, including:**			
	9. A 3-digit number and ones			
	10. A 3-digit number and tens			
	11. A 3-digit number and hundreds			
	12. I can add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.			
	13. I can estimate the answer to a calculation and use inverse operation to check answers.			
	14. I can solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.			
	15. I can recall and use multiplication and division facts for the 3x, 4x and 8x tables.			
	16. I can write and calculate mathematical statements for multiplication and division using the multiplication tables, including for 2-digit numbers, using mental and progressing to formal written methods.			
	17. I can solve problems, including missing number problems, involving multiplication and division, including integer scaling problems and correspondence problems in which n objects are connected to m objects.			
Fractions, decimals and percentages	**18. I can count up and down in tenths.**			
	19. I recognise that tenths arise from dividing an object into 10 equal parts and in dividing 1-digit numbers or quantities by 10.			
	20. I recognise and can find and write factions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.			
	21. I can compare and order unit fractions and fractions with the same denominators.			
	22. I can add and subtract factions with the same denominator within one whole.			
	23. I can solve problems involving the above.			

Measurement	24. I can compare lengths using m, cm &mm.			
	25. I can compare mass using kg & g.			
	26. I can compare volume/capacity using l & ml.			

	27. I can measure lengths using m, cm & mm.			
	28. I can measure mass using kg & g.			
	29. I can measure volume/capacity using l & ml.			
	30. I can add and subtract lengths using m, cm & mm.			
	31. I can add and subtract mass using kg & g.			
	32. I can add and subtract volume/capacity using l & ml.			
	33. I can tell and write the time from an analogue clock (12 hour clock).			
	34. I can tell and write the time from an analogue clock (24 hour clock).			
	35. I can tell and write the time from an analogue clock (Roman numerals).			
	36. I can estimate and read time with increasing accuracy to the nearest minute.			
	37. I can record and compare time in terms of seconds, minutes and hours.			
	38. I can use the following vocabulary: o'clock, am, pm, morning, afternoon, noon & midnight.			
	39. I know the number of seconds in a minute.			
	40. I know the number of days in each month, year and leap year.			
	41. I can compare the duration of events.			
	42. I can measure the perimeter of simple 2D shapes.			
	43. I can add and subtract amounts of money to give change, using both £ and p in a practical context.			
Geometry	44. I can identify horizontal, vertical lines and pairs of perpendicular and parallel lines.			
	45. I can draw 2D shapes.			
	46. I can make 3D shapes using modelling materials.			
	47. I recognise 3D shapes in different orientations and describe them.			
	48. I recognise that angles are a property of shape or a description of a turn.			
	49. I can identify right angles.			
	50. I recognise that two right angles make a half-turn & three make a three quarter turn.			
	51. I can identify whether angles are greater than or less than a right angle.			
Statistics	52. I can interpret and present data using bar charts, pictograms and tables.			
	53. I can solve one-step and two-step questions using information presented in scaled bar charts, pictograms and tables.			

Exceeding	1. I can recognise the value of each digit in a 4-digit number and the value of a tenth.			
	2. I know all multiplication facts up to 10 x 10 and can instantaneously answer questions such as, how many 7s in 42?			
	3. I can add and subtract numbers with any number of digits using formal written methods.			
	4. I am beginning to have an understanding about negative numbers recognising they are smaller than zero.			
	5. I can multiply and divide any 2-digit number by a single digit number and have an understanding of 'remainder'.			
	6. I can find fractional values (from $\frac{1}{2}$ to 1/10) of amounts up to 1000.			
	7. I can use my knowledge of number to solve problems related to money, time and measures.			
	8. I know that the total internal angles of a triangle measure 180° and can measure each angle.			
	9. I can use my knowledge of time to help me solve problems related to timetables.			
	10. I can measure, compare, add and subtract when solving more complex problems using common metric measures set out in kg,gms; Kl, litres; km and metres.			