YEAR 4 MATHS TARGETS   Name:

Number, place value, approximation and estimation/rounding			
1. I can count in multiples of 6, 7, 9, 25 and 1,000.			
2. I can order and compare numbers beyond 1,000.			
3. I can find 1,000 more or less than a given number.			
4. I recognise the place value of each digit in a 4-digit number.			
5. I can read Roman numerals to 100 and know that over time the numeral system changed to include the concept of zero and place value.			
6. I can identify, represent and estimate numbers using different representations.			
7. I can round any number to the nearest 10, 100 or 1,000.			
8. I can count backwards through zero to include negative numbers.			
9. I can solve number and practical problems with the above (involving increasingly large numbers).			
Calculations			
10. I can add and subtract numbers with up to 4-digits using the formal written methods of columnar addition and subtraction.			
11. I can estimate and use inverse operations to check answers in a calculation.			
12. I can solve addition and subtraction 2-step problems in contexts, deciding which operations and methods to use and why.			
13. I can recall multiplication and division facts up to 12x12.			
14. I can use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.			
15. I recognise and use factor pairs and commutativity in mental calculations.			
16. I can multiply 2-digit numbers by a 1-digit number using formal written layout.			
17. I can solve problems involving multiplying and adding, including using the distributive law to multiply 2-digit numbers by 1-digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.			
Fractions, decimals and percentages			
18. I can count up and down in hundredths.			
19. I recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten.			
20. I recognise and show using diagrams, families of common equivalent fractions.			
21. I can add and subtract factions within the same denominator.			
22. I recognise and write decimal equivalents to 1/4, 1/2 and ¾.			
23. I recognise and write decimal equivalents of any number of tenths or hundredths.			
24. I can round decimals with one decimal place to the nearest whole			

number.			
25. I can compare numbers with the same number of decimal places up to 2 decimal places.			
26. I can find the effect of dividing a 1-digit or 2-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.			
27. I can solve problems involving increasingly harder factions and fractions to divide quantities, including non-unit fractions where the answer is a whole number.			
28. I can solve simple measure and money problems involving fractions and decimals to 2 decimal places.			

Measurement			
29. I can compare different measures, including money in £ and p.			
30. I can estimate different measures, including money in £ and p.			
31. I can calculate different measures. Including money in £ and p.			
32. I can read, write and convert time between analogue and digital 12 hour clocks.			
33. I can read, write and convert time between analogue and digital 24 hour clocks.			
34. I can solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.			
35. I can convert between different units of measurements			
36. I can measure and calculate the perimeter of a rectilinear figure in cm and m.			
37. I can find the area of rectilinear shapes by counting squares.			
38. I can calculate different measures			
Geometry – properties of shapes			
39. I can compare and classify geometric shapes, including quadrilateral and triangles based on their properties and sizes.			
40. I can identify lines of symmetry in 2D shapes presented in different orientations.			
41. I can complete a simple symmetric figure with respect to a specific line of symmetry,			
42. I can identify acute and obtuse angles and compare and order angles up to two right angles by size.			
Geometry – position and direction			
43. I can describe movements between positions as translations of a given unit to the left/right and up/down.			
44. I can describe positions on a 2D grid as coordinates in the first quadrant.			
45. I can plot specified points and draw sides to complete a given polygon.			
Statistics			
46. I can interpret and present discrete and continuous data using			

appropriate graphical methods, including bar charts and time graphs.			
47. I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.			

Exceeding

1. I can use tenths, hundredths and thousandths when comparing values and solving addition and subtraction problems.			
2. I can round any number to 100,000 to the nearest 10, 100, 1,000 or 10,000.			
3. I can relate tenths and hundredths to fractional values.			
4. I can rapidly recall answer when multiplying and dividing a whole or decimal number by 10.			
5. I can solve multi-step problems involving more than one of the operations.			
6. I can work out simple percentage values of whole numbers, for example, as met in on-going learning in science, history and geography			
7. I can compare and add fractions whose denominators are all multiples of the same number.			
8. I can use a 24-hour timetable to find out times for journeys between various places.			
9. I can use my knowledge of perimeter to work out the perimeter of large areas around school, using metres and centimetres.			
10. I can collect my own data on a given project and present information in graphical formats of my choosing.			