

 <b>My Maths Goals</b> <b>Name: _____</b>		Teacher Assessment					
Number & Place Value	1. I can count in multiples of 6, 7, 9, 25 and 1000.						
	2. I can find 1000 more or less than a given number.						
	3. I can count backwards through zero to include negative number.						
	4. I can recognise the place value of each digit in a four-digit number.						
	5. I can order and compare numbers beyond 1000.						
	6. I can identify, represent and estimate numbers using different representations						
	7. I can round any number to the nearest 10, 100 or 1000.						
	8. I can solve problems with increasingly large positive numbers.						
	9. I can read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.						
Addition & Subtraction	10. I can add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.						
	11. I can estimate and use inverse operations to check answers to a calculation.						
	12. I can solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.						
Multiplication & Division	13. I can recall multiplication and division facts for multiplication tables up to $12 \times 12$ .						
	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 can recognise and use factor pairs and commutatively in mental calculations.						
	16. I can multiply two-digit and three-digit numbers by a one-digit number using formal written layout.						
	17. I can solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.						
Fractions & Decimals	18. I can recognise and show, using diagrams, families of common equivalent fractions.						
	19. I can count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.						
	20. I can solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.						
	21. I can add and subtract fractions with the same denominator.						
	22. I can recognise and write decimal equivalents of any number of tenths or hundredths.						
	23. I can recognise and write decimal equivalents to $\frac{1}{4}$ , $\frac{1}{2}$ and $\frac{3}{4}$ .						
	24. I can find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.						
	25. I can round decimals with one decimal place to the nearest whole number.						
	26. I can compare numbers with the same number of decimal places up to two decimal places.						

	27. I can solve simple measure and money problems involving fractions and decimals to two decimal places.							
Measurement	28. I can convert between different units of measure. (e.g. km to m; Hours to minutes)							
	29. I can measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.							
	30. I can find the area of rectilinear shapes by counting squares.							
	31. I can estimate, compare and calculate different measures, including money in pounds and pence.							
	32. I can read, write and convert time between analogue and digital 12- and 24-hour clocks.							
	33. I can solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.							
Properties of shapes	34. I can compare and classify geometric shapes, including quadrilaterals and triangles, based on properties and sizes.							
	35. I can identify acute and obtuse angles and compare and order angles up to two right angles by size.							
	36. I can identify lines of symmetry in 2-D shapes presented in different orientations.							
	37. I can complete a simple symmetric figure with respect to a specific line of symmetry.							
Position & Direction	38. I can describe positions on a 2-D grid as coordinates in the first quadrant.							
	39. I can describe movements between positions as translations of a given unit to the left/right and up/down.							
	40. I can plot specified points and draw sides to complete a given polygon.							
Statistics	41. I can interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.							
	42. I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.							