

 My Maths Goals Name: _____		Teacher Assessment					
Number & Place Value	1. I can read, write, order and compare numbers up to 10,000,000 and determine the value of each digit.						
	2. I can round any whole number to a required degree of accuracy.						
	3. I can use negative numbers in context, and calculate intervals across 0						
	4. I can solve number and practical problems that involve all of the above.						
Addition & Subtraction Multiplication & Division	5. I can multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication.						
	6. I can divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context.						
	7. I can divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context.						
	8. I can perform mental calculations, including with mixed operations and large numbers.						
	9. I can identify common factors, common multiples and prime numbers.						
	10. I can use their knowledge of the order of operations to carry out calculations involving the 4 operations.						
	11. I can solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.						
	12. I can solve problems involving addition, subtraction, multiplication and division.						
	13. I can use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy.						
Fractions, decimals & percentages	14. I can use common factors to simplify fractions; use common multiples to express fractions in the same denomination.						
	15. I can compare and order fractions, including fractions >1						
	16. I can add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.						
	17. I can multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, $1/4 \times 1/2 = 1/8$]						
	18. I can divide proper fractions by whole numbers [for example $1/3$ divided $2 = 1/6$]						
	19. I can associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [for example, $3/8$]						
	20. I can identify the value of each digit in numbers given to 3 decimal places and multiply and divide numbers by 10, 100 and 1,000 giving answers up to 3 decimal places.						
	21. I can multiply one-digit numbers with up to 2 decimal places by whole numbers.						
	22. I can use written division methods in cases where the answer has up to 2 decimal places.						
	23. I can solve problems which require answers to be rounded to specified degrees of accuracy.						
	24. I can recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.						
Ratio & Proportion	25. I can solve problems involving the relative sizes of 2 quantities where missing values can be found by using integer multiplication and division facts.						
	26. I can solve problems involving the calculation of percentages [for example, of measures and such as 15% of 360] and the use of percentages for comparison.						
	27. I can solve problems involving similar shapes where the scale factor is known or can be found.						

