Durdan's Park Primary School
My Maths Goals

Name:	Date:

Eager Elephant		✓	✓	✓
Number and Place Value	I can read, write, order and compare numbers to at least 1,000,000 (one million) and say the value of each digit.			
	I can use negative numbers in context when looking at temperature or money; counting forwards and backwards through 0.			
	I can round numbers up to 1,000,000 to the nearest 10, 100, 1000, 10,000 or 100,000.			
	I can read Roman numerals to 1000 and recognise years written in these.			
Addition and Subtraction	I can add and subtract numbers with up to 4 digits using written methods.			
	I can add and subtract 2 and 3 digit numbers in my head.			
	I can solve addition and subtraction problems needing more than one step and can work out which operation and method is the most suitable.			
Multiplication and Division	I can find multiples and factors of a number and can identify factors common to 2 different numbers.			
	I can solve problems involving multiplication and division including using factors and multiples, squares and cubes.			
	I can solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.			
	I can multiply numbers with up to 4 digits by a one or two digit number using formal written methods.			
	I can divide numbers with up to 4 digits by a one digit number using formal written methods and can explain remainders.			
	I can multiply and divide whole and decimal numbers by 10, 100 and 1000.			
	I can understand and identify prime numbers, prime factors and composite numbers up to 100.			
Fractions (decimals and percentages)	I can compare and order fractions whose denominators are all multiples of the same number.			
	I can read and write decimal numbers as fractions such as 0.71 = 71/100 .			
	I can read, write, order and compare numbers with up to three decimal places.			
	I can solve problems which require knowing percentage and decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25.			
	I can identify mixed numbers and improper fractions and convert from one to another such as 2/5 + 4/5 = 6/5 = 1 1/6.			
	I can add and subtract fractions whose denominators are all multiples of the same number.			
	I can multiply proper fractions and mixed numbers by whole numbers.			
	I can round numbers with two decimal places to the nearest whole number and to one decimal place.			
	I can solve problems which require knowing percentage and decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25.			

Measurement	I can convert between different forms of metric measurement e.g. Kilometre and metre; centimetre and metre; centimetre and millimetre, gram and kilogram, Litre and millilitre.			
	I can measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres.			
	I can calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2), square metres (m^2) and estimate the area of irregular shapes.			
	I can understand and compare equivalences between metric units and common imperial units. These might include: inches, pounds or pints.			
	I can use all four operations to solve problems involving measure such as length, mass, volume, money, using decimal notation, including scaling.			
	I can solve problems where I need to convert between units of time.			
	I can estimate volume by using $1cm^3$ blocks to build cuboids (including cubes) and capacity by using water and different containers.			
Properties of Shape	I can draw given angles and measure them in degrees.			
	I can tell the difference between regular and irregular polygons. I can do this using reasoning about equal sides and angles.			
	I can identify angles at a point and one whole turn.			
	I can identify angles at a point on a straight line and 1/2 a turn (total 180°)			
	I can identify other multiples of 90°.			
	I can use the properties of rectangles to find related facts, missing lengths and missing angles.			
Position and Direction	I can identify, describe and represent the position of a shape following a reflection or translation. I can use mathematical vocabulary to explain this and I know that the shape has not changed.			
Statistics	I can solve comparison, sum and difference problems using information presented in a line graph.			
	I can complete, read and interpret information in tables, including timetables.			