Durdan's Park Primary School
My Maths Goals

Name:	Date:

Focused Fox	✓	✓	✓
Number and Place Value — I can read, write, order and compare numbers to at least 10,000,000 (ten million) and say the value of each digit.			
I can round any number to a required degree of accuracy.			
I can use negative numbers in context when looking at temperature or money; counting in jumps forwards and backwards through 0.			
Addition and Subtraction — I can mentally calculate using a mix of the four operations and large numbers.			
I can solve addition and subtraction multi-step problems, deciding which operations and methods to use and why.			
Multiplication and Division — I can multiply numbers of up to 4 digits by a two-digit number using a formal written method.			
I can divide numbers of up to 4 digits by a two-digit number using a formal written method.			
I can identify common factors, multiples and prime numbers.			
I can use the order of importance of the four operations when answering questions.			
I can solve problems involving multiplication and division.			
Fractions (decimals and percentages) — I can add and subtract fractions with different denominators and mixed numbers.			
I can multiply simple pairs of proper fractions, writing the answer in the simplest form such as 1/4 x 1/2 = 1/8.			
I can divide proper fractions by whole numbers such as 1/3 ÷ 2 = 1/6.			
I can multiply numbers less than 10 with up to 2 decimal places by whole numbers.			
I can use written division methods for numbers with up to two decimal places.			
I can compare and order fractions including those > 1.			
I can use equivalences between simple fractions, decimals and percentages to help me solve problems.			
I can solve problems which require answers to be rounded to specified degrees of accuracy.			
Measurement — I can use, read, write and convert between standard units. I can convert measurement of length, mass, volume and time from a smaller unit to a larger unit and vice versa. I can do this using decimal notation up to the three decimal places.			

	I can calculate, estimate and compare volumes of cubes and cuboids using standard units, including cubic centimetres (cm³),cubic metres (m³). I can extend this to other units e.g. mm³ and km³.				
	I can calculate the areas of parallelograms and triangles.				
	I can solve problems involving the calculation and conversion of units of measure, using decimal notation up to three places if I need to.				
Properties of Shape	I can compare and classify geometric shapes based on their properties and sizes. I can also find unknown angles in any triangles, quadrilaterals or regular polygons.				
	I can illustrate and name parts of circles, including radius, diameter and circumference. I know that the diameter is twice the radius.				
	I can recognise angles where they meet at a point, are on a straight line or are vertically opposite. I can then find any missing angles.				
	I can draw 2-D shapes using dimensions and angles I am given.				
Position and Direction	I can describe positions in all four quadrants on a full coordinate graph.				
	I can draw and translate simple shapes on the coordinate plane and reflect these in the axis.				
Statistics	I can interpret and construct pie charts and line graphs and use these to solve problems.				
	I can calculate and interpret the mean as an average.				
Ratio and Proportion	I can solve problems involving the calculation and conversion of units of measure, using decimal notation up to three places if I need to.				
	I can solve problems involving the calculation of percentages. I can also use percentages for comparisons.				
	I can solve problems involving shapes where the scale factor is known or can be found.				
	I can solve problems involving unequal sharing and grouping. I can use my knowledge of fractions and multiples to do this.				
Algebra	I can use simple formulae.				
	I can create and describe linear number sequences.				
	I can record missing number problems algebraically.				
	I can find pairs of numbers which complete an equation with two unknowns.				
	I can create a list of possibilities of the combination of two variables.				