Mount Pleasant Primary School
Year 5

Numbers place value and rounding
I can read and write numbers up to one million
I can order and compare numbers up to one million
I know what each digit represents in numbers up to one million
I can count in steps of powers of 10 up to one million
I can round any number to the nearest 10, 100 or 1000
I can round any number to the nearest 10 000 or 100 000
I can use negative numbers and count through '0' with positive and negative numbers

Addition and Subtraction
I can add numbers using standard written methods
I can subtract numbers using standard written methods
I can add mentally, using increasingly large numbers
I can subtract mentally, using increasingly large numbers
I can use rounding to estimate and check answers to calculations
I can solve addition multi-step problems by choosing appropriate calculations
I can solve subtraction multi-step problems by choosing appropriate calculations

Multiplication and Division
I can identify multiples and factors, including finding all factor pairs of numbers
I can recognise and use square numbers and related root numbers
I can recall all prime numbers up to 19 and explain whether a number to 100 is prime
I can multiply and divide numbers mentally use known number facts
I can multiply up to four digits by a one-digit number using a standard written method
I can divide numbers up to four digits by a one-digit number using a standard written method
I can solve multi-step problems using multiplication and division
I can x whole numbers by 10, 100, and 1000
I can ÷ whole numbers by 10, 100, and 1000
I can x and ÷ decimals by 10, 100, and 1000

Fractions
I can compare and order fractions whose denominators are all multiples of the same number
I can + and – fractions with the same denominator and related fractions
I can recognise and use 1000ths and relate them to 10ths and 100ths and decimal equivalents
I can multiply proper fractions and mixed numbers by whole numbers
I can convert mixed numbers to improper fractions and vice versa
I can read, write, order and compare numbers with up to three decimal places
I can round decimals with two-decimal places to the nearest whole number and to one decimal place
I can read and write decimal numbers as fractions
I can recognise the % symbol and can write percentages as a fraction
I can solve problems which require knowing percentage and decimal equivalents

Measurement
I can convert between different units of measure e.g. 3.6kg = 3600g
I can calculate and compare the area of squares, rectangles and compound shapes
I can measure and calculate the perimeter of compound shapes
I understand and use basic equivalence between metric and imperial units of measurement
I can solve problems involving converting between units of time

Geometry
I can draw shapes using given dimensions and angles
I can identify 3D shapes, including cuboids from 2D presentations
I can reason about shapes using known properties
I can calculate missing angles at a point and on a straight line
I can draw or measure a given angle, writing its size in degrees
I can describe and represent the position of a shape following a reflection or translation

Statistics
I can read and interpret information in tables including timetables
I can solve 'difference' problems using information from line graphs
I can solve 'comparison' problems using information from line graphs
I can solve 'sum' problems using information from line graphs

	N	A&S	M&D	FDP	M	G	S		Total	Increase
	7	7	10	10	5	6	4			
Weighting	x2	x3	x3	x2	x1	x1	x1			
Autumn										
Spring										
Summer										

Year 3 End

Catch-up	%	Increase
Autumn		
Spring		
Summer		

Year 4 End

Catch-up	%	Increase
Autumn		
Spring		
Summer		

Year 5 End