

I can	Maths - Year 5 (emerging)	✓	Date
Number Place Value	Count forwards and backwards in steps of 100 and 1,000 from any number up to 1,000,000.		
	Calculate the value of each digit up to 1,000,000 by partitioning in different ways.		
	Count forwards and backwards with positive and negative whole numbers through zero.		
	Interpret negative numbers in context such as the temperature.		
+ and -	Add and subtract more than 4-digit numbers using column method.		
	Add and subtract mentally any 2 or 3 digit numbers.		
	Use rounding to check answers to calculations.		
	Solve multi-step problems in contexts, deciding which operations and methods to use and why.		
x and ÷	Use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers.		
	Calculate whether a number up to 100 is prime.		
	Multiply and divide numbers mentally.		
	Multiply and divide whole numbers and those involving decimals by 10, 100 or 1000.		
	Multiply 3-digit by 2-digit numbers and divide a 3-digit number by a single digit.		
	Solve problems involving all 4 rules and a combination of these.		
Fractions	Explain that a whole number can be written as fractions.		
	Multiply a proper fraction by 10.		
	Multiply a mixed number by 10.		
	Recognise mixed numbers and improper fractions and convert from one form to the other.		
	Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.		

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Fractions	Read and write decimal numbers as fractions e.g. $0.7 = \frac{7}{10}$ up to one decimal place.		
	Round decimals with two decimal places to the nearest whole number and to one decimal place.		
	Read, write, order and compare numbers with up to three decimal places.		
	Solve problems involving number up to three decimal places.		
	Recognise and understand the percent symbol (%).		
	Write percentages as a fraction with denominator hundred, and as a decimal.		
Measures	Convert between different units of measure (km/m; m/cm; cm/mm; kg/g; l/ml).		
	Solve problems involving converting between units of time.		
	Solve problems involving addition and subtraction of units of measure using decimal notation.		
	Recognise and estimate volume using cubes and capacity using water.		
Shape	Identify 3-D shapes, including cubes and cuboids, from 2-D representations.		
	Know angles are measured in degrees; estimate and measure them and draw a given angle, writing its size in degrees.		
	Describe equilateral, isosceles, right angle and scalene triangles.		
Data	Complete, read and interpret information in tables, including timetables.		
	Construct my own table from given information.		
	Construct a bar chart and decide upon the scale.		