

Year 4 Maths I CANS

	Reasoning with large numbers			
1	I can understand 4-digit place value. (Read, write, represent, order and compare)			
2	I can find 10, 100 or 1000 more or less			
3	I can round numbers to the nearest 10, 100 or 1000			
	Addition and subtraction			
1	I can select appropriate strategies to add and subtract			
2	I can illustrate and explain appropriate addition and subtraction strategies including column method with regrouping			
	Multiplication and division			
1	I can distributive property including multiplying three 1-digit numbers			
2	I can understand mental multiplication and division strategies using place value and known/derived facts			
3	I can understand short multiplication and division			
	Discrete and continuous data			
1	I can read, interpret and construct pictograms, bar charts and time graphs			
2	I can compare tables, pictograms and bar charts			
	Securing multiplication facts			
1	I can identify and explore patterns in multiplication tables including 7 and 9			
	Fractions			
1	I can explore different interpretations and representations of fractions			
2	I can understand equivalent fractions			
3	I can represent fractions greater than one as mixed number and improper fractions			
4	I can add and subtract fractions with the same denominator including fractions greater than one			
	Time			
1	I can understand analogue to digital, 12- hour and 24-hour			
2	I can convert between units of time			
	Decimals			
1	I can understand decimal equivalents to tenths, quarters and halves			
2	I can compare and order numbers with the same number of decimal places			
3	I can multiply and divide by 10 and 100 including decimals			
	Area and perimeter			
1	I can understand perimeter of rectangles and rectilinear figures			
2	I can understand area of rectangles and rectilinear and compare			
3	I can investigate area and perimeter			
	Solving measures and money problems			
1	I can convert units of measure			
2	I can select appropriate units to measure			
3	I can use strategies to investigate problems: trial and improvement, organising using lists and tables, working systematically			
	Shape and symmetry			
1	I can classify, compare and order angles			
2	I can compare and classify 2-D shapes			
3	I can identify lines of symmetry			
	Position and direction			
1	I can describe and plot using coordinates			
2	I can describe translations			

	Reasoning with pattern and sequences			
1	I can understand Roman numerals up to 100			
2	I can understand Place value of other number systems			
3	I can understand number sequences and patterns			

	3-D shape			
1	I can demonstrate an understanding of 3-D shapes			
2	I can identify 3-D shapes from 2-D representations			

Mental Maths (Autumn, Spring and Summer)

	Addition and Subtraction			
1	I can derive/recall sums and differences of pairs of multiples of 10, 100 or 1000.			
2	I can derive/recall addition doubles of numbers 1 to 100, e.g. $38 + 38$, and the corresponding halves.			
3	I can derive/recall what must be added to any three-digit number to make the next multiple of 100, e.g. $521 + \square = 600$.			
4	I can derive/recall pairs of fractions that total 1.			
5	I can add or subtract any pair of two-digit numbers, including crossing the tens and 100 boundary using partitioning when appropriate, e.g. $47 + 58$, $91 - 35$.			
6	I can subtract by counting up from the smaller to the larger number.			
7	I can add or subtract a near multiple of 10, e.g. $56 + 29$, $86 - 38$.			
8	I can add near doubles of two-digit numbers, e.g. $38 + 37$.			
9	I can add or subtract two-digit or three-digit multiples of 10, e.g. $120 - 40$, $140 + 150$, $370 - 180$.			
10	I can use knowledge of place value and related calculations e.g. work out $140 + 150 = 290$ using $14 + 15 = 29$.			
11	I can use partitioning to count on or back in minutes and hours, bridging through 60 (analogue and digital times).			

	Multiplication and Division			
1	I can recall multiplication and division facts for the 7 times table.			
2	I can recall multiplication and division facts for the 9 times table.			
3	I can recall multiplication and division facts for the 11 times table.			
4	I can recall multiplication and division facts for the 12 times table.			
5	I can derive/recall doubles of multiples of 10 and 100 and corresponding halves.			
6	I can recall fraction and decimal equivalents of one-half, quarters, tenths and hundredths.			
7	I can derive/ recall factor pairs for known multiplication facts.			
8	I can halve any even number to 200.			
9	I can find unit fractions and simple non-unit fractions of numbers and quantities e.g. $\frac{3}{8}$ of 24.			
10	I can multiply and divide numbers to 1000 by 10 and then 100 (whole number answers) e.g. 325×10 , 42×100 , $120 \div 10$, $600 \div 100$, $850 \div 10$.			
11	I can multiply a multiple of 10 to 100 by a single-digit number, e.g. 40×3 .			
12	I can multiply numbers to 20 by a single-digit, e.g. 17×3 .			
13	I can identify the remainder when dividing by 2, 5 or 10.			