

Name:

D = Developing S = Secure G = Greater Depth

Year 3 Maths Learning Card		D	S	G
PROBLEM SOLVING	1. I can solve problems by trying something and learning from what I have found out.			
	2. I can solve problems by working backwards.			
	3. I can solve problems by making a list or drawing a table to help me be systematic.			
	4. I can investigate a statement involving numbers or shapes and test it with examples.			
	5. I can show my answers to problems with pictures, words, symbols and models.			
	6. I can find missing numbers in patterns and make predictions about what will be further on in the sequence giving examples.			
PLACE VALUE	7. I can count forwards and backwards from 0 in multiples of 4, 8, 50 and 100. 3.1.a.3			
	8. I can count in jumps of 4, 8, 50 and 100 starting with a non-multiple of this number.			
	9. I can identify 10 or 100 more or less than a given number. 3.1.a.2			
	10. I can recognise the place value of each digit in a three-digit number (hundreds, tens, ones). 3.1.b.1			
	11. I can compare and order numbers up to 1000. 3.1.c.1			
	12. I can identify, represent and estimate numbers using different methods and representations. 3.1.b.3			
	13. I can read and write numbers up to 1000 in numerals and in words. 3.1.b.2			
	14. I can solve number problems involving these ideas. 3.1.d.1			
ADDITION & SUBTRACTION	15. I can add and subtract a three-digit number and ones mentally. 3.2.b.1			
	16. I can add and subtract a three-digit number and tens mentally. 3.2.b.1			
	17. I can add and subtract a three-digit number and hundreds mentally. 3.2.b.1			
	18. I can add and subtract numbers with up to three digits, using formal written methods including the column method. 3.2.e.1			
	19. I can estimate the answer to a calculation. 3.2.f.1			
	20. I can use inverse operations to check my answers.			
	21. I can solve missing number problems, using number facts and place value. 3.2.c.1			
X & ÷	22. I can recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables. 3.2.b.3			
	23. I can build on the knowledge I have of previously learnt times tables			
	24. I can calculate two-digit numbers times one-digit numbers using formal written methods. 3.2.e.2			
	25. I can divide a 2-digit number by a 1-digit number using a number line and chunking.			
	26. I can solve problems, including missing number problems, involving multiplication and division. 3.2.c.3			
	27. I can estimate the answer to a calculation and use the inverse operation to check my answer			
FRACTIONS	28. I can count up and down in tenths. 3.3.a.3			
	29. I can recognise that tenths arise from dividing an object into 10 equal parts. 3.3.a.3			
	30. I can divide one-digit numbers by 10.			
	31. I can divide quantities by 10.			
	32. I can recognise, find and write fractions of a set of objects including unit and non-unit fractions with small denominators 3.3.a.1			

FRACTIONS	33	I can recognise and use fractions as numbers including unit and non-unit fractions with small denominators 3.3.b.1 3.3.c.3			
	34.	I can recognise and show, using diagrams, equivalent fractions with small denominators. 3.3.a.2			
	35.	I can add and subtract fractions with the same denominator within one whole $5/7 + 1/7 = 6/7$. 3.3.c.2			
	36.	I can compare and order unit fractions, and fractions with the same denominators. 3.3.c.1			
	37	I can solve problems that involve fractions. 3.3.d.1			
MEASUREMENT	38.	I can measure, compare, add and subtract lengths (m/cm/mm). 3.3.4			
	39.	I can measure the perimeter of simple 2D shapes. 3.2.4			
	40.	I can find the perimeter of a rectangle by counting squares.			
	41.	I can measure, compare, add and subtract mass (kg/g). 3.3.4			
	42.	I can measure, compare, add and subtract volume/capacity (l/ml). 3.3.4			
	43.	I can add and subtract amounts of money to give change, using both £ and p in practical situations. 3.3.3			
	44.	I can tell and write the time from an analogue clock. 3.2.2			
	45.	I can tell and write the time using Roman numerals from I to XII. 3.2.2			
	46.	I can tell and write the time using a 24-hour clock. 3.2.2			
	47.	I can estimate and read time with increasing accuracy to the nearest minute. 3.2.1			
	48.	I can record and compare time in terms of seconds, minutes and hours. 3.2.1			
	49.	I can use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.			
	50.	I know 60 seconds is one minute and how many days in each month, year & leap year.			
	51.	I can compare durations of events. 3.3.1			
	SHAPE	52.	I can draw 2D shapes and make 3D shapes. 3.1.1 3.1.2		
53.		I can recognise 3D shapes in different orientations and describe them. 3.2.3			
54.		I can recognise angles as a property of shape or a description of a turn. 3.3.3			
55.		I can identify right angles, recognise that two right angles make a $\frac{1}{2}$ turn, three make $\frac{3}{4}$ of a turn and four a complete turn. 3.3.1			
56.		I can identify whether angles are greater than or less than a right angle. 3.3.2			
57.		I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines. 3.2.1			
STATISTICS		58.	I can interpret and present data using 3.1.1 3.2.1	bar charts	
	pictograms				
	tables				
59.	I can solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables e.g. 'How many more?' and 'How many fewer?'	3.3.1			