

Name:		 © 2011 Demo Primary School PrimaryTools.co.uk	
Level 2: <input type="checkbox"/>		Level 3: <input type="checkbox"/>	
Numbers and The Number System			
Counting		count sets of objects reliably	
	Place Value	begin to understand the place value of each digit; use this to order numbers up to 100	
understand place value in numbers to 1000			
use place value to make approximations			
recognise negative numbers in contexts such as temperature			
Fractions and Decimals	begin to use halves and quarters and relate the concept of half of a small quantity to the concept of half of a shape		
	use simple fractions that are several parts of a whole and recognise when two simple fractions are equivalent		
	begin to use decimal notation in contexts such as money		
Calculating			
Adding/Subtracting		use the knowledge that subtraction is the inverse of addition and understand halving as a way of 'undoing' doubling and vice versa	
		add and subtract three digit numbers using written method	
Mental		use mental recall of addition and subtraction facts to 10	
		add and subtract two-digit numbers mentally	
Recording & Problem Solving		record their work in writing	
		choose the appropriate operation when solving addition and subtraction problems	
		use mental calculation strategies to solve number problems including those involving money and measures	
		use mental recall of addition and subtraction facts to 20 in solving problems involving larger numbers	
Multiplying/Dividing		solve whole number problems including those involving multiplication or division that may give rise to remainders	
		derive associated division facts from known multiplication facts	
		multiply and divide two digit numbers by 2, 3, 4 or 5 as well as 10 with whole number answers and remainders	
Using and Applying Mathematics			
Using		select the mathematics they use in some classroom activities	
		select the mathematics they use in a wider range of classroom activities	
		try different approaches and find ways of overcoming difficulties that arise when they are solving problems	
Presenting & Explaining		discuss work using mathematical language	
		explain why an answer is correct	
		begin to organise work and check results	
		understand a general statement by finding particular examples that match it	
Applying		predict what comes next in a simple number, shape or spatial pattern or sequence giving reasons for their opinions	
		use and interpret mathematical symbols and diagrams	
		review their work and reasoning	

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