

Term	Mental Maths Strand Year 6	Beginning	Developing	Mastering
	Halve and double decimal numbers with up to 2 places using partitioning e.g 36.73 doubled is double 36 plus double 0.73)			
	Know by heart all multiplication and division facts up to 12 x 12. Apply and extend			
	Use rounding in mental multiplication (34 x 19 as (20 x 34) - 34)			
	Use doubling and halving as a mental division and multiplication strategy. E.g to divide by 2,4,8,5,20 and 25 (628 ÷ 8 is halved three times) (28 x 25 is ¼ of 28 x 100 = 700)			
Spring	Use divisibility tests to aid mental calculation			
	Use place value and number facts in mental multi (40,000 x 6 = 24,000)			
	Identify common factors, common numbers and prime numbers and use factors in mental division (438 ÷ 6 is 219 ÷ 3)			
	Identify common factors, common numbers and prime numbers and use factors in mental multiplication (e.g 326 x 6 is 652 x 3)			
	Know by heart all multiplication and division facts up to 12 x 12. Apply and extend			
	Add positive number to negative numbers (e.g calculate a rise in temp)			
Autumn	Add two 1-place decimal numbers or two 2-place decimal numbers less than 1 (4.5 + 6.5 or 0.74 + 0.33)			
	Count forward and backward with positive and negative numbers through zero.			

	Know all multiplication tables to 12x. Apply and extend			
	Derive quickly and without difficulty, number bonds to 1000			
	Use number bonds to 1 and 10 to perform mental subtraction of any pair of one-place			