Our Lady & St John's

Mental Maths Non-Negotiables Ladder

These targets should be worked on in each term. Any child who has gaps in their learning should be picked up by the precision teaching or through planning. Children should be extended in each strand through practical examples or different examples to embed knowledge if they are secure of the basic concept. We will pre-test in autumn and post-test in summer.

Term	Mental Maths Strand **Year Two**	Beginning (Initials)	Developing (numbers)	Secure (Initials)
Autumn	Add any pair of 2 digit numbers			
	Add and subtract multiples of 10 to any give 2-digit number			
	Say 10 more/less than any number to 100			
	Add two or three single digit numbers			
	Know all the pairs of numbers to 10, 12 and pairs with total of 20			
	Count on and back in ones and tens from any given 2 – digit number			
	Know all number bonds to 20			
	Know multiplication and division facts for 2x table			
Spring	Learn 2x, 5x, and 10x table (looking at lots of)			
	Know doubles and halves of whole numbers up to 20			
	Using fingers, say where a given number is in the 2s, 5s or 10s count			
	Count in 2s, 5s, and 10s			
	Subtract any pair of 2-digit numbers by counting back in tens and ones or by counting up			
	Know multiplication and division facts for 10x table			

Look SMART
Work and Play SMART
Be SMART

Summer	Begin to double two-digit numbers less than 50 with digits of 1,2,3,4 or 5			
	Double and begin to halve numbers to 40 and multiples of 10 and 100			
	Halve/Double numbers to 20			
	Relate division to grouping (how many groups of five in fifteen)			
	Tell time to five minutes, including quarter past/to			
	Recognise half, 1/3, 2/4, ¾ of a shape, quantity or object			
	Begin to count in 3's and learn the 3x table.			
	Know all addition and subtraction facts for multiples of 10 to 100.			
	Know multiplication and division facts for 5x table.			