

Here is a maths challenge to do each week. Learning these number facts will help your child in their maths lessons. When practising the challenge please encourage and strengthen the use of mental strategies. Children will have a short test in Friday's lesson to see how well they can understand the focused area.

Date	Maths Challenge	Example test questions	Comment/ signature by adult
18/9/16	<p>Year 3-Know your number bonds to 20 Year 3 challenge- Know your number bonds to 50.</p> <p>Year 4-Know your number bonds to 100 Year 4 challenge- Know your number bonds to 1000.</p>	<p>What would I need to add to 21 to make 50?</p> <p>___ + 58 = 100</p>	
25/9/16	<p>Year 3- partition 2 digit number in a variety of ways. Year 3 challenge- partition 3 digit numbers in a variety of ways.</p> <p>Year 4-partition 3 digit number in a variety of ways. Year 4 challenge- partition 4 digit numbers in a variety of ways.</p> <p>Example: $45 = 40 + 5$ or $45 = 30 + 15 =$ + </p>	<p>56 partitioned is $20 + \underline{\hspace{1cm}}?$</p> <p>___ partitioned is $13 + 60?$</p>	
2/10/16	<p>Year 3- Add and subtract 10 from a given number. Year 3 challenge- Add and subtract 100 from a given number</p> <p>Year 4- Add and subtract multiples of 100 from a given number. Year 4 challenge- Add and subtract 1000 from a given number.</p>	<p>$5 \times 8 = ?$</p> <p>There are seven octopuses, how many tentacles altogether?</p>	
<p>After this children will move on to their times tables. A secure knowledge of times tables is key to your child's understanding of number, we therefore encourage you to support your child in the mastery of this by regular practise at home</p> <p>All children will begin on their 3 times tables. Once children have achieved 9 out of 10 or higher they will move on the following times table. <u>The maths challenge sheet in your child's reading record will be highlighted when they have been successful.</u></p>			
9/10/16 - on-going	<p>*3 times tables *4 times tables *8 times tables *6 times tables *7 times tables *9 times tables *11 times tables *12 times tables</p> <p>In year 4, children should be improving the rapid recall of their times tables. If your child is confident reciting their tables, ensure they can rapidly recall them out of order too.</p>	<p>How many 6's are there in 24?</p> <p>$7 \times \underline{\hspace{1cm}} = 28$</p> <p>I have a bag of triangles, I have 33 corners. How many triangles are in my bag?</p>	