



### Maths Priorities 2021-2022 Tibshelf Infant and Nursery School

FS2	Fluency in numbers to 10 - counting fluency to 20	<p>Counting forwards using numbers from 0-20. Count forwards from a range of starting points, e.g. from 4-14, from 10-20. Count backwards using numbers from 20-0. Count backwards from different points, e.g. from 18-8, 7-0.</p> <p>Count on the way to school, while in the bath, getting dressed for the day etc.</p> <p>Recognise small amounts without counting.</p> <p>Recognise dice patterns, domino patterns without counting. Encourage children to recognise small amounts without counting, e.g. toys on the bed, arrangements of magnets on the fridge etc.</p> <p>Know number facts to 10, e.g. 5 plus 5 equals 10, 10 take away 5 is the same as 5. 2 and 4 make 6, 6 subtract 2 equals 4.</p> <p>Explore different ways of making totals. Play board games, how many more do you need to make? Explore partitioning totals, e.g. sharing out biscuits at snack time, cutlery at dinner time, toys with a friend. Play making 10 games, e.g. roll a dice and build a tower using that number of bricks, whose tower will reach 10 first? Roll a dice and add the 2 totals together - what did you make?</p>
Year 1	Fluency in numbers to 10- counting fluency to 100	<p>Counting forwards using numbers from 0-100. Count forwards from a range of starting points, e.g. from 44-64, from 80-99. Count backwards using numbers from 100-0. Count backwards from different points, e.g. from 78-58, 37-17.</p>

		<p>Count on the way to school, while in the bath, getting dressed for the day etc. Counting through the 10's number (33, 32, 31, 30.....29!) can be tricky so practise this often.</p> <p>Count forwards and backwards in multiples of 10's, 5's and 2's.</p> <p>Count forwards and backwards in tens from 0-100, 100-0, e.g. 0, 10, 20, 30, 100, 90, 80, 70. Count from different starting points. Count forwards and backwards in fives from 0-100, 100-0, e.g. 0, 5, 10, 15, 20, 25, 30, 100, 95, 90, 85, 80, 75, 70. Count from different starting points. Count forwards and backwards in twos from 0-100, 100-0, e.g. 0, 2, 4, 6, 8, 10, 12, 30, 28, 26, 24, 22, 20, 18. Count from different starting points, make sure children pronounce the 'teens and tens' numbers clearly!</p> <p>Know number facts and bonds to 10, extending to 20.</p> <p>Explore numbers to 10 using 10 toys/counters. Explore different ways of partitioning 10, e.g. 6 and 4, 3 and 7. Record the number sentences. Start with 10 and secretly subtract some - how many did I take away, how could you work that out? What will help you know? Play matching pairs games using cards, e.g. turn over 2 cards if they make 10 keep them, if not turn them back over. Play 'race to 10' games - how many more do you need to reach 10/ play race to zero games counting back from 10.</p>
Year 2	Fluency in numbers to 20 - counting fluency to 100	<p>Counting forwards using numbers from 0-100. Count forwards from a range of starting points, e.g. from 44-64, from 80-99. Count backwards using numbers from 100-0. Count backwards from different points, e.g. from 78-58, 37-17.</p> <p>Count on the way to school, while in the bath, getting dressed for the day etc. Counting through the 10's number (33, 32, 31, 30.....29!) can be tricky so practise this often.</p> <p>Count forwards and backwards in multiples of 10's, 5's and 2's.</p> <p>Count forwards and backwards in tens from 0-100, 100-0, e.g. 0, 10, 20, 30, 100, 90, 80, 70. Count from different starting points. Count forwards and backwards in fives from 0-100, 100-0, e.g. 0, 5, 10, 15, 20, 25, 30, 100, 95,</p>

		<p>90,85, 80, 75, 70. Count from different starting points. Count forwards and backwards in twos from 0-100, 100-0, e.g. 0, 2, 4, 6, 8, 10, 12. 30, 28, 26,24, 22, 20, 18. Count from different starting points, make sure children pronounce the 'teens and tens' numbers clearly!</p> <p>Recall addition and subtraction facts to 20.</p> <p>Play with numbers - use counting aids such as counters, blocks, pasta pieces etc. Encourage children to use knowledge of addition and subtraction facts to 10 to support their calculations to 20.</p>
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