

Maths activities to do at home

<p>1 Play math games Top marks (EYFS) https://www.topmarks.co.uk</p> <p>ICT Games https://www.ictgames.com</p>	<p>2 Number blocks Enjoy watching the number blocks</p>	<p>3 Sing counting songs 1, 2, 3, 4, 5</p> <p>10 little speckled frogs</p> <p>I'm counting on my number line, I'm counting on my number line, I'm counting on my number line starting on 4. And I say 4, 5, 6, 7 ... up to 20</p>	<p>4 Number recognition Point to numbers on 100 square whilst counting forwards Quick fire - point to random numbers on the 100 square. What is my number? How do you know? (It comes before... and after ...) Number sequences (what is the next number in the sequence 4,5,...?)</p>
<p>5 Treasure hunt Write the numbers out to 10/20. Hide them around the house. Can you find them and put them in order from 0 to 10/20 and from 20/10 to 0.</p>	<p>6 Find one more/less One more than 3 is? One less than 10 is? Etc.</p>	<p>7 Counting on/back Counting on/back in 1s from any given number (0-20) Counting on/back in 2s (0-20) Counting on/back in 5's (0-20) Counting on/back in 10's (0-50/100)</p>	<p>8 Place value Choose a number to create. How many 10s, how many 1's? Use 10p and 1p coins to show this. E.g. 14 is 1 lot of 10 and 4 ones (1 10p coin and 4 1p coins) Guess my number - I have 1 ten and 5 ones, what's my number? Choose a number; can you describe it to your partner? How many tens and ones does it have?</p>
<p>9 Addition Find two groups of objects and add them together? Use the language '3 add 2 equals 5 altogether.' Can you make up a number story? There were 3 sheep in a field, 2 more joined them. There were 5 sheep altogether.</p>	<p>10 Number facts Quick fire ways to make a number e.g. $0+5=5$, $1+4=5$, $2+3=5$, $3+2=5$, $4+1=5$, $5+0=5$ Quick fire facts for other numbers up to 10</p>	<p>11 Doubling Sing doubling machine. Use fingers to double numbers 1-5. Put 1 finger up on one hand, double it by putting 1 finger up on the other hand and putting them together. How many?</p>	<p>12 Number bonds to 10 How many different ways can you make 10? (0 add 10 equals 10, 1 add 9 equals 10, 2 add 8 equals 10 etc.)</p>
<p>13 Addition counting on Counting on - 7 add 2 equals... I put 7 in my head; I need to count on for 2. 7(touch head), 8, 9 (represent with fingers). 7 add 2 equals 9.</p>	<p>14 Subtraction Get a selection of objects and take some away. How many have you left? Use the language '3 take away 2 equals 1.' Can you make up a number story? I had 3 sweets, I gave 2 to my mum. I have 1 sweet left.</p>	<p>15 Halving Sing chop the chopper. Use fingers to halve the numbers to 10. Put 8 fingers up, 4 on each hand. Chop one hand away. How many left?</p>	<p>16 Subtraction counting back Counting back - 8 take away 3 equals... I put 8 in my head; I need to count back for 3. 8 (touch head), 7, 6, 5 (represent with fingers). 8 take away 3 equals 5.</p>

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<p>17 Measuring time Play a game of hide and seek. Count to 20 to measure the amount of time you have to hide.</p> <p>Build and obstacle course/ build a tower. Measure how long it takes to complete the activity.</p>	<p>18 Telling the time Mr Clock song for O'clock (What time is it Mr Clock, tick-tock, tick-tock, tick-tock, if the long hands on 12 and the short hands on 5, it's 5 O'clock) Mr Clock song for half past, (What time is it Mr Clock, tick-tock, tick-tock, tick-tock, if the long hands on 12 and the short hands past the 7, it's half past 7)</p> <p>Play 'What's the time Mr Wolf'.</p>	<p>19 Days of the week Sing 'Days of the Week' song (Adams family tune) If today is x, what was yesterday? If today is x, what is tomorrow?</p>	<p>20 Months of the year Sing 'Months of the year song'. If my birthday is in _____ months, what month is next/ before? What is the first, second, third etc. month?</p>
<p>21 2D shapes Name shapes (square, rectangle, triangle, and circle) Shape identification via properties (how many sides, corners?) Play 'Guess my shape' (I'm thinking of a shape, it has x straight sides, x corners...., what's my shape?)</p> <p>Create a picture using 2D shapes. Describe the shapes you use.</p>	<p>22 3D Name shapes (cube, cone, sphere, cuboid) Shape identification via properties (how many faces, edges, vertices?) Play 'Guess my shape' (I'm thinking of a shape, it has x faces, x edges...., what's my shape?)</p> <p>Build models using 3D shapes (junk modelling). Describe the shapes you used.</p>	<p>23 Positional language Play where oh where oh where is 'monkey' - in relation to an object e.g. a chair (behind, in front, next to, on, under, left, right)</p>	<p>24 Money Coin recognition up to £2- what is the biggest/ smallest amount? How do they know? Compare colour, sizes and worth. Play what's my coin (I'm thinking of a coin, it is large, round and silver, what is its value?)</p> <p>Play shops - write price labels for your toys and use real money to buy them. Take turns to be the shop keeper and the person buying the toys.</p>
<p>25 Measuring length Find three objects. Which is the longest/shortest? How do you know? Can you order them from shortest to longest and from the longest to the shortest? What object is shorter than ...? What object is longer than ...?</p> <p>Measure objects around your home. How many pigeon toes long is your settee? Can you record your findings?</p>	<p>26 Measuring height Who is the tallest in your house? Put your family in height order from smallest to tallest/tallest to smallest. Who is taller than ...? Who is smaller than ...?</p> <p>Can you record your findings?</p>	<p>27 Measuring mass Find three objects. Which is the lightest/heaviest? How do you know? Can you order them from lightest to heaviest and from the heaviest to the lightest? What object is heavier than ...? What object is lighter than ...?</p> <p>Bake a cake or biscuits and use the measuring scales to weigh out the ingredients.</p>	<p>28 Measuring capacity Bath time! Find three containers. Which has the largest/smallest capacity? How do you know? Can you order them from smallest capacity to largest capacity and from the largest capacity to the smallest capacity? How many cups of water does it take to fill each container?</p>