

Number card games template

Number card activities that help to practice, extend and challenge children in all aspects of the EYFS Mathematics curriculum.

Developing children's awareness of Number, shape, space and measures can be a little daunting for parents. Knowing how to consolidate, deepen and broaden a child's knowledge without just constantly upping the number value can be tricky. Ensuring that children can use and apply their knowledge in different ways is the key to enriching their learning. Here are lots of fun activities that need no prep, expensive resources or technology to do, just this! – Using only a set of numbers from 0-20 you can have many hours of fun with your child whilst developing a whole range of mathematical skills.

<p>Number order</p>	<p>Making the number cards is the first step and a valuable activity in itself – children need to know the order of numbers, formation and name to play this game!</p> <p>Basic - Using the template provided ask the children to start at 0 and fill in the numbers in order up to 20 (use lower numbers if your child is not yet secure up to 20)</p> <p>Challenge 1 – get the child to fill in 0 – 5 in order then give them random numbers to fill in on the grid eg can you find the box that 7 needs to be written? Can you find where 14 needs to go? This helps support the understanding of the number system, the place of numbers and counting on /back.</p> <p>Challenge 2 – For when children are confident with the above you can give the children problems to solve to fill in</p>
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	<p>the numbers – can you find where you would write the number that is 1 more/less than 6 and write it? What is 3p and 9p? – fill in the answer in the correct placed box. 10 – 4 is...?</p> <p>Once completed cut out and save in order to use when enjoying any of the other games!</p>
Number line	<p>Place the numbers in order from 0-20, 20-0</p> <p>Challenge – make a number line using only odd numbers, even number, counting in 5's...</p>
Naughty Number thief	<p>After making number line, child will close eyes and adult will 'steal a number. Child to work out what is missing</p> <p>Challenge – adult to swap 2 or 3 or 4 numbers over – can the children work out the naughty fairy's mistake?</p>
Highest/lowest	<p>Place cards face down on flat surface, Child picks 2 cards which is the highest/lowest value</p> <p>Challenge- pick 3,4,5 cards which is the highest/lowest/middle value?</p> <p>Challenge 2 – you and the child pick a card who has the highest/lowest? One of you puts card back and picks another now who has highest/lowest value? Continue...</p>
Number order	<p>Place cards down on a flat surface, child picks 3,4,5 cards</p> <p>Place in order from lowest to highest, highest to lowest</p>
Numbers between	<p>Pick 2 cards, put on table lowest to</p>

	highest with a gap in the middle. Child to then name the numbers that are missing in between. Can you tell me a number that is between these 2?
Odd and even lines	Make a number line with only odd numbers...even numbers
1 more/1less	Pick a card name the number that is 1 more/less than it. Repeat with different numbers Challenge – 2more/less
Adding cards	Using initially 0-10 cards, place face down on table and mix up. Pick 2 cards and add the amounts together. Challenge – include some of the 10-20 cards Challenge 2 - Pick 3 numbers to add
Subtraction cards	As above, pick 2 cards subtract the smallest from the largest value
Number line adding	Child to place cards in order in a line in front of them. Adult to say a number child to find that number and place finger on the number. Adult to say second amount and child to 'jump' their finger along the line that many times to find the answer.
Number line subtraction	As above but subtracting jumping 'back' along the line
Adding with objects	Using any small objects around the house such as dried pasta, sweets, toy cars, action figures, pegs, magnetic letters etc Pick a card, count out correct number of corresponding objects, pick second card count out that amount – how many all together
Subtracting with objects	As above but subtracting
Doubling up	Pick a number (starting with cards to 5, then 10...) can you say its double?

	If needed the children can count out the objects and then double the amount to help them.
Doubling towers	Using lego/duplo blocks, pick a card build a tower with that amount of blocks, build a second tower with the same amount of blocks. Place on top of the first one and count the total.
Halving	Using only the even numbered cards – place face down pick a card and say it's half value
Halving towers	Using lego/duplo blogs and only the even numbered cards Pick a card build the tower with that amount of blocks – can you break your tower into 2 equal towers?
Sharing	Using any small household objects – pick a card, count out the correct number of objects. Share between 2, 3 or 4 people/groups Challenge pick 2 cards – add the total, count out that amount and then share between groups
Pairs to 10	Using the number cards can the children find pairs that add up to 10 Challenge – pairs to 20
Shape, Space and Measure	
Shape know how	Starting with the number 0-10 place upside down over the table. Pick a card name the shape that has that amount of sides, corners, vertices, faces... Challenge can you name 2 shapes that would total that number of sides? EG if picked 8 then they could say a square (4sides) and a rectangle (4sides)

time	Using numbers 1-12 make a clock face and add hands to make different times
Money	(you will need some coins for this) Pick a card – make the total using 1ps Challenge – Can you make the total using different coins?
Height	(Using lego/duplo) pick a card build a tower with that many blocks, pick a second card, build a second tower – get the child to talk about which is shortest, tallest, what the difference (in blocks) is? Challenge – add a third, fourth tower and put in order, use language such as taller, tallest, shorter, shortest, place in order, talk about how many bricks higher, shorter etc
Length/distance	Pick a card – start at a designated spot on the floor and count the amount of steps. Put the card down to show where the steps finished. Pick a second card and starting at the same spot as before take that amount of steps, place that card down to show where the steps ended. Talk about longest distance, shortest distance/furthest/nearest, further, nearer, near and far etc Challenge – add a 3 rd amount and include further than, shorter than, nearer than...