



Reception number activities



Learning	Activities		Next steps...
Playing with number names	Singing number songs e.g. five little ducks, 10 flying men, 10 green bottles, 1, 2,3, 4,5 once I caught a fish alive.	Modelling numbers e.g. when building, I am making my tower 20 blocks high!	<i>Using number names accurately.</i>
Remembering what the numbers look like	Hide numbers around the house and your child has to see how quickly they can find them.	Look for numbers in the environment e.g. door numbers, buses, signs.	<i>Writing the numbers.</i>
Saying numbers in order first to 10. Then to 20.	Counting along a number line.	Play hide and seek where you have to count to 10 before going to find them!	<i>Once they can count to 10. Then count backwards from 10-0. Then once they can count up to 20. Count from 20-0.</i>
Counting objects with one to one correspondence (accurately)	Counting sweets/pasta shells. Use tweezers to physically pick up the item and put into a pot and say the number as it drops into the pot.	Using fingers to count, stick smiley face stickers on their fingers so they can pretend they are people and model using fingers to count different amounts.	<i>-Counting out objects from a larger group and stopping at the right amount. -Counting out the correct amount to match a numeral e.g. bottles with numbers on and your child has to put that many pieces of pasta in the bottle.</i>
Sharing items, using language of more and less, the same.	Encourage your child to help share out food fairly to friends/family. How do we share equally? Give one to each person. Then another one...	Talk about the language of more/less when giving out food between the family. Who has the most? Least? Is it the same? How many do you have?	<i>Sharing between more people. Sharing with amounts that can't be shared fairly and discussing what to do.</i>
Add one more to a group of objects/find one more.	Hang socks on a number line, start with 1 and add 1 more, counting how many each time.	Go on a leaf hunt, how many did you find? Can you find 1 more? How many are there now?	<i>Add two groups of objects e.g. I have four sweets and you have three sweets how many do we have altogether?</i>
Take 1 away from a group of objects/1 less	Sing 10 little men or 10 sizzling sausages sizzling in a pan.	Thread 10 cheerio's onto strawberry lace. Eat one at a time, how many left each time?	<i>I had four grapes but I have eaten two, how many are left?</i>



Reception shape, space and measure activities



Learning	Activities			Next steps....
Making pictures with shapes	Cutting out some various shapes and making pictures with them e.g. rocket, house.	Drawing around items around the house to make shapes e.g. draw around a tin can (circle), remote (rectangle), box, square.	Collect items such as leaves, apple stickers, receipts, cotton wool pads and make a collage with all the different shapes.	<i>Naming the shapes in the pictures</i>
Language of size	Have a pretend tea party with teddies etc and have different sized bowls, cups, spoons etc. Use language of big, small, medium sized.	Order items by their size e.g. smallest dinosaur to tallest dinosaur.	In the supermarket encourage your child to explore size by finding the biggest potato and the smallest carrot etc	<i>Use specific vocabulary e.g. Height- tallest, shortest Weight- lightest, heaviest Length- shortest, longest.</i>
Making patterns and recognising patterns	Go to the park and collect lots of natural objects e.g. stones, sticks, feathers, leaves, pine cones and make them into an arrangements or a repeating pattern.	Thread a necklace with two different types of pasta or beads, can they follow on a repeating pattern?	When walking in your local environment look around you, what patterns can you see? Brickwork, car colour, flower patterns?	<i>Makin more complex repeating patterns e.g. 2 red beads, 1 white beads, 2 blue beads, 2 red beads, 1 white beads, 2 blue beads.</i>
Knowing the 2d shapes	Draw some 2d shapes and get your child to cut them out. Hide them around the house for the child to hunt!	Drawing 2d shapes in shaving foam.	Play I Spy- I can see a square, where could it be? How many squares can you see on the way to the shop?	<i>How many sides do they have? Later- 3D shapes.</i>
Language of time	Model language of time- morning, lunchtime, afternoon, dinner time, bedtime.	Buy sand timers and use them for sharing, races, doing an activity for a length of time.	Play 'What's the time Mr Wolf.'	<i>Ordering what happens in a day. What do you do first? Second? Last?</i>
Language of money	Set up a pretend shop; make labels for toys/food items. Take it in turns to play customer or shop keeper and use language of money (do not worry if at first their language isn't accurate).	Model language of money when shopping so your child can hear the language that is used e.g. cost, buy, how much, pence, pounds, expensive, cheap.	Using crayons and paper, do rubbings of the different coins. What shape are they? Are they big or small? Silver, gold or bronze?	<i>Look at different items in the shop. Which one do you think costs the most money? Why?</i>
Language of capacity	Modelling the language full, half full, empty when eating/drinking.	Exploring capacity in the bath with different pots and jugs to fill up and empty. Which one holds the most water?	Making cakes/play dough and exploring the different amounts of ingredients needed.	<i>Measuring how many of one pot it would take to fill up another.</i>