

Daily Numeracy Challenge



Please find below some numeracy activities to keep you busy in the weeks ahead 😊

Each activity has a choice of A, B or C.

Choose the one you would like to complete and tick it ✓ when it is done.

If you can't do one every day, don't worry!

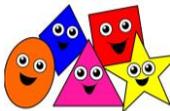
Here are some websites that you might also find useful:

- Free maths games for ages 3-14
topmarks.co.uk
- Carol Vorderman's maths programme for ages 4-12 – currently free to register
themathsfactor.com
- Variety of maths games and activities for ages 4-11
mathszone.co.uk
- Variety of literacy and numeracy games and activities – currently free to register
pages.sumdog.com
- Free maths and literacy games for ages 3-11
home.oxfordowl.co.uk/
- Free resources, games and activities for literacy and numeracy
sparklebox.co.uk/maths
- Resources, games activities for literacy and numeracy – currently free to register
twinkl.co.uk
- Variety of literacy and numeracy games and activities – currently free to register
classroomsecrets.co.uk

Daily Numeracy Challenge

Choose activity A, B or C

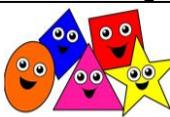
Keep it fun ! 😊

Week	Task	Monday	Tuesday	Wednesday	Thursday	Friday	Weekend
		 <i>Number Crunch</i>	 <i>Shape Up</i>	 <i>Pocket Money</i>	 <i>Measure It</i>	 <i>Build It</i>	 <i>Family Fun</i>
1	A	Go on a number hunt around your house. Write down all the numbers you find.	Draw a picture using different shapes (circles, squares, triangles and rectangles).	Ask your mum or dad for some coins. Sort them into the different types and label them.	Choose 3 toys. Put them in order, starting with the smallest.	Use Lego, K'nex, blocks or something else to build the tallest tower you can.	Cook something together. Find a recipe for something you like. Wash your hands carefully. Weigh and measure the ingredients carefully and use a timer to make sure it doesn't burn. Eat and enjoy!
	B	Look for numbers around your house. What is the biggest number you can find? What is the smallest?	Use different sized squares to make a pattern or design. If you have time, try with a different shape.	Ask your mum or dad for some coins. Count how much money you have altogether.	Choose 3 toys. Measure each one with a ruler. Draw each toy and label it with the size in cm.	Build two towers out of different materials. Which tower is the strongest? Why?	Imagine that, in the future, you could go on holiday wherever you wanted. Can you find the place on a map or a globe? How would you get there? How long would it take to get there? How much might it cost?
	C	Look at different tins and packets of food. Where can you find numbers and what do they mean?	Make a repeating pattern using different shapes and colours. Ask an adult to continue the pattern.	Work out how many coins you could get for £1. How many 1p coins? 2p? 5p? 10p? 20p? 50p?	Choose 5 toys. Measure each one accurately with a ruler in cm and mm.	Build a high tower. Find different ways of making it stronger.	
2	A	Roll 2 dice and add the scores together. Play with somebody else. Who is the first to win 5 games?	Go on a shape hunt around your house. Draw the different shapes you can find.	How many different ways can you find to make 5p? Use 1p, 2p and 5p coins.	Choose 3 toys. Guess which one is heaviest and which is lightest. Check if you were right by holding them.	Make different 2D shapes (circle, square, triangle) out of Lego, K'nex, blocks or something else.	
	B	Take it in turns to roll a die. Add your numbers up as you go along. The first to 20 wins.	Count the number of squares, circles, triangles and rectangles you can find in your house.	How many different ways can you find to make 10p? Use 1p, 2p, 5p and 10p coins.	Choose 3 small toys. Weigh each one on kitchen scales. Put them in order from heaviest to lightest.	Make some tricky 2D shapes (circle, pentagon, hexagon) out of Lego, K'nex, blocks or something else.	
	C	Put the numbers 1-10 in a bag. Take turns to pick a number. Add the numbers up. The first to 100 wins.	Count the different shapes in your house and draw a graph to show the results.	How many different ways can you find to make 50p? How about £1 or £2?	Choose 3 small toys. Weigh each one accurately in grams on kitchen scales. Order them from heaviest to lightest.	Make some 3D shapes (cube, cuboid, cylinder, triangular prism) out of Lego, K'nex, blocks or something else.	

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3	A	Roll a die. Then roll it again. Is the new number more or less than the old number?	Ask an adult to describe a 2D shape (a circle, square or triangle). Can you guess what it is?	Make a toy shop with your toys. Label each toy with a price (up to 5p).	How many star jumps can you do in 1 minute? Ask an adult to time you. Do it again. Did you get more or less?	Build a house from Lego or blocks. How many pieces did you use?	<p>Have a mini 'sports day' with your family.</p> <p>Think of some competitions – jumping, bouncing a ball, skipping or something else.</p> <p>If you don't have a garden, think of something you could do indoors.</p> <p>Write down who wins each event.</p>
	B	Roll 3 dice (or roll the same one 3 times). Put them in order from smallest to largest as fast as you can.	Describe a 2D shape for an adult to guess. Tell them about the sides and corners.	If all of your soft toys cost 1p, how much would they be worth altogether?	See how many star jumps each of your family can do in 1 minute. Out them in order of least to most.	Choose 10 different Lego pieces or blocks. How many different things can you make with them?	
	C	Roll 3 dice (or roll the same one 3 times). What is the biggest number you can make with them? What is the smallest?	Describe a 3D shape for an adult (cube, cuboid, cylinder, pyramid, sphere). Can they guess what it is?	If all of your soft toys cost 10p, how much would they be worth altogether?	Estimate how many star jumps you can do in a minute. Then test to see if you were right. Do the same for bouncing a ball.	Choose 10 different Lego pieces or blocks. What is the biggest thing you can make with them? Smallest? Widest? Narrowest?	
4	A	Use a pack of playing cards. Put them in order from 1 to 10.	Find somewhere in your house where there are lots of the same shape altogether.	Think of 2 things you would like to buy. Which one would be cheapest?	Find 3 different containers or bottles. Put them in order from the one that holds the least to the one that holds the most.	Build a small model using Lego or blocks. Ask an adult to make one the same.	<p>Play a game with your family where you have to use your maths skills.</p> <p>You could play:</p> <p>Twister Snakes and Ladders Ludo Cards Yahtzee Monopoly</p> <p>or any other games you have at home or online.</p>
	B	Use a pack of playing cards. Which cards go together to make 5? What about 10 or 20?	Find shapes that tessellate (fit together with no gaps) in your house (look at your walls and floors!)	Find 3 things you would like to buy in a catalogue or on a website. Put them in order from cheapest to most expensive.	Find 3 different liquids in the kitchen. Look at the bottle to see how much they hold. Order them according to how much they hold.	Build a small model using Lego or blocks. Give an adult a set of the same blocks and ask them to make one the same.	
	C	Use a pack of playing cards. Turn over 1 card. Double the number.	Draw a pattern with shapes that tessellate (shapes that fit together with no gaps).	Have a look on the Argos website. What would you buy if you had £10?	Find 3 different containers or bottles. Find out how much each one holds. How much do they hold altogether?	Build a small model using Lego or blocks. Give an adult a set of the same blocks. Explain to them how to make it.	