

## Daily Numeracy Challenge – Weeks 9-12



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

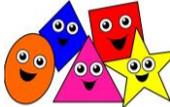
*Each activity has a choice of A, B or C.*

*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:

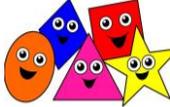
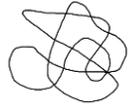
- Free maths games for ages 3-14  
[topmarks.co.uk](http://topmarks.co.uk)
- Carol Vorderman's maths programme for ages 4-12 – currently free to register  
[themathsfactor.com](http://themathsfactor.com)
- Variety of maths games and activities for ages 4-11  
[mathszone.co.uk](http://mathszone.co.uk)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

Daily Numeracy Challenge		Choose activity A, B or C				Keep it fun ! ☺					
Week	Task	Monday	Tuesday	Wednesday	Thursday	Friday	Weekend				
								<b>Number Crunch</b>	<b>Shape Up</b>	<b>Problem Solving</b>	<b>Measure It</b>
9	A	Look in a newspaper or magazine. Find as many numbers as you can.	Look in your house and garden. How many things can you find that can roll?	Go on a scavenger hunt in your home or garden. <i>A. Find items that are 2D shapes.</i>	Draw around your foot and cut it out. Do the same for 2 other people. Put them in order from smallest to largest.	Draw the body of a ladybird. Make sure that each side is symmetrical (the same size, shape and pattern) and has the same number of spots  Can you draw or make a model of any other symmetrical mini beast? e.g. a butterfly or spider	When you go out with an adult to exercise, see how many rainbows you can find.  If you've already looked for rainbows, look for something else e.g. soft toys, thank you posters or painted stones.				
	B	Look in a newspaper or magazine. Which pages have most numbers?	Try to find something that rolls in each room. Which things roll best? Why?	<i>B. Find items that are 3D shapes. How many did you find?</i>	Draw around 3 people's feet. Measure the length with a ruler and put them in order of size.						
	C	Look in a newspaper or magazine. Where are numbers used? What are they used for?	Find 6 things that can roll. Predict which things will roll best. Then test to see if you were right.	<i>C. Find items that are 2D shapes &amp; 3D shapes. Which did you find more of?</i>	Draw around 3 people's feet. Estimate how long each foot is in cm. Then check by measuring.						
10	A	Write the numbers 0-10 outside, or on pieces of paper. Ask an adult to say a number. Jump onto it as fast as you can.	Take a piece of paper. The corner where 2 straight lines meet is a right angle. Use this to find right angles in the house or garden.	If everyone in your family wanted to eat 2 cakes, how many cakes would you need?	Estimate how tall you are by making a mark on a wall (ask an adult first!) Then:	Can you draw a maze? (a puzzle path)  You could use straight lines or curved lines. Can someone in your family trace their way through the maze with a coloured pen?  Could you make the maze with wool or string in the garden with an adult?	Make a pizza together.  Divide the pizza up into fractions (e.g. 1/2s, 1/4s, 1/8s)  Choose different toppings for each part. 				
	B	Write the numbers 2-12 outside, or on pieces of paper. Roll 2 dice. Add them up and jump to the answer.	Take a piece of paper. The corner is a right angle. Which room has most right angles?	If everyone in your family wanted to eat 10 cakes, how many would you need? What if they wanted 5 each?	<i>A. Ask an adult to measure you against the wall. How close were you?</i>						
	C	Write the numbers 3-18 outside, or on pieces of paper. Roll 3 dice. Add them up and jump to the answer.	Take a piece of paper. The corner is a right angle. Use this to draw as many shapes as you can that have a right angle.	How many cakes would you need of everyone in your family wanted to eat 3? What if they wanted 4, 6 or 9 cakes?	<i>B. Estimate &amp; check for each member of your family.</i>  <i>C. Estimate and check, then measure in cm using a ruler.</i>						

# Daily Numeracy Challenge

# Choose activity A, B or C

# Keep it fun ! 😊

Week	Task	Monday	Tuesday	Wednesday	Thursday	Friday	Weekend
		 <b>Number Crunch</b>	 <b>Shape Up</b>	 <b>Problem Solving</b>	 <b>Measure It</b>	 <b>Make It</b>	 <b>Family Fun</b>
11	A	Play with a partner. You both roll a die. The person with the highest number wins.	Draw a treasure map. Draw an arrow to show which way is North.	Which plants grow most in grassy areas? Put a hoop (or a circle of string) on grass.  <i>A. How many different plants can you see?</i>  <i>B. Put the plants you can see in order from least to most.</i>  <i>C. Put the plants you see in order from least to most. Compare with a different piece of grass. Did you get the same result?</i>	Go outside. Does the weather feel warm or cool? Try again on some other days.	Use the internet to find out about the artist Andrew Goldsworthy, who uses natural materials.  Use natural materials (e.g. leaves, sticks, stones) to make designs of your own.   What shapes/lines have you used?	A game for 2 (or more) people. Draw a shape on paper. Each choose a colour. Take it in turns to colour a section. (You cannot have the same colours next to each other.) The winner colours the most sections.   Can you design a strategy (plan) to win?
	B	Play with a partner. Roll 2 dice & add them together. The person with the highest number wins.	Draw a treasure map. Draw a compass to show North, South, East and West.		Go outside today and for the next 6 days. Write down how it feels (very hot, hot, warm, cool, cold or very cold).		
	C	Play with a partner. Roll 2 dice & multiply them together. The person with the highest number wins.	Draw a treasure map. Draw a compass to show North, South, East and West. Then add the points in between (North East, South West etc).		Use a thermometer or a weather forecast to find out the temperature today and for the next 6 days. Draw a graph to show your results.		
12	A	Find some items e.g. toys, sweets. Share them into 2 groups (halves) Repeat for different amounts. Were any left over?	Give instructions for someone to follow using the words: <i>A. forwards, backwards, right turn, left turn.</i>	Find out which room in your house is the biggest and which is the smallest.	Find a cup, guess (estimate) how many pieces of lego (or something else) it will hold. Then check.	Make a re-usable Noughts and Crosses game.  Draw the grid on some card. Make your O and X out of smaller pieces of card, or use pebbles or counters.	Make a sundial for your garden.  Draw a clock face on a paper plate. Push a pencil through the middle. Make sure the 12 points to North.
	B	Find some items e.g. toys, sweets. Share them into 4 groups (quarters) Repeat for different amounts. Were any left over?	<i>B. forwards, backwards, right, left, half turn, whole turn.</i>	Put the rooms in your house in order from smallest to largest.	Find 2 cups, guess (estimate) how many pieces of lego (or something else) each will hold. Then check.	 Play some games with your family, or set up a mini-tournament.	 Try it out on a sunny day!
	C	Find some items e.g. toys, sweets. Share them into 3 groups (thirds) Repeat for different amounts. Were any left over?	<i>C. forwards, backwards, right, left, quarter, half &amp; whole turn, clockwise, anti-clockwise.</i>	Draw a plan of your house. Measure each room using a tape measure. Write the measurements on your plan.	Find 2 cups, guess (estimate) how many pieces of lego each will hold. Then check. Which estimate was closest?		