

Numeracy		
Mild	Spicy	Hot
<p>Symmetry & Mirrors Using a mirror, or the black screen of a device explore a range of objects inside and outside and see how they look symmetrical.</p> <p>Lines of Symmetry Objects that are symmetrical will have one or more lines of symmetry. Folding in item in half you would see that they are identical. Items that are not symmetrical are called asymmetrical. Gather objects or choose photos from the web and organise them.</p> <p>Butterflies & Dragonflies These animals are an excellent example of symmetry. Can you spot any outside? Use the chart from the 'butterfly count' to help identify them. Use paints to create one half of a butterfly and fold it. https://bit.ly/3daRPeP</p> <p>Line Game With a line between two players or teams, recreate the other players design symmetrically. Make sure each player has an identical number of objects to play. Using a dice, lay down the number of objects on the dice on your side. The other play must copy and make their side symmetrical then take a roll of the dice.</p>	<p>Symmetry Ask a family member to draw half of a symmetrical object such as a face, house, butterfly or insect. Then complete the drawing so that both sides are exactly the same. You could also use a pegboard to create your pattern. More activities about symmetry will be posted on the blog.</p> <hr/> <p>Shape Repeating Patterns Ask a family member to create a pattern of alternating colours and shapes. It is then up to you to continue the pattern. This can either be drawn/painted /printed or, if you have a variety of beads, you can make a pattern by threading.</p> <p>Tangrams Find out what a tangram is and learn how to use one by clicking on this link: Tangrams Download the tangram template here then print out and colour in before creating your own pictures and letters. If you print out multiple tangrams, make sure that you don't mix them up!</p>	<p>Symmetry <u>Finding Lines of Symmetry Introduction</u> Watch an introduction to lines of symmetry to remind yourself of all things symmetrical. https://bit.ly/2Xz2wAY</p> <p><u>Four Quadrant Symmetry</u> Try out some tricky challenging symmetry using quadrants. https://bit.ly/2BbdZ2d</p> <p><u>Rangoli Patterns</u> Try out some creative symmetrical patterns using this template. https://bit.ly/3ewlgZ2</p> <p><u>Symmetry Challenges</u> Have a go at some NRICH Problem Solving. https://nrich.maths.org/1868</p>

<p>Shape Top Trump Cards Make your own cards of 2D and 3D shapes with information about the shape, such as sides, corners and edges. Teachers will share an example with you and a method to make your own.</p> <p>Shapes to make Art Many different shapes are used to create simple drawings such as the animals we might find in the garden from our featured story. Use a variety of shapes together to draw some simple designs. https://bit.ly/2ZKT0h6</p> <p>Shadow Puppets Shapes can be layered on top of one another to create the outline or silhouette of an animal. With your animal, attach it to a stick or pencil and hold up in front of the sun and cast a shadow across the grass of the animal. Take some pictures lying with the animals on the grass.</p>	<p>Make a Shape Explore making 2D shapes in two ways: 1) Using your body – e.g. stand up and see if you can angle your legs in some way to make a triangle. You could then take a photo on a device (e.g. Seesaw) to draw the shape on top of the image and label. 2) Using things around the house e.g. spaghetti could be broken up to make a pentagon, or a hair bobble could make an oval.</p> <p>Take Directions With a partner get a pen and paper and a scarf. Take it in turns. Partner 1- to wear the blindfold and have the pen and paper in hand, partner 2 – to give instructions/directions. Give them a clear starting point to start. Keep it simple to begin with, instruct directions to help them draw simple shapes like a square or triangle. You could then extend the challenge and draw a maze. Have them follow your directions to get them out the other side without going over any lines. Key language to work on: right turn, left turn, clockwise, anti-clockwise, quarter turn, half turn, forwards and backwards.</p>	<p>Angles Practise classifying and describing the following angle types – acute, right, obtuse, straight and reflex. Can you identify these angles within shapes in the environment?</p> <p>Practise measuring and drawing different types of angles. If you do not have a protractor, online resources will be provided.</p> <p>Activities and resources will be posted weekly on the blog to support. This will include:</p> <ul style="list-style-type: none"> • Games that can be played independently or in a group • Problem solving activities/challenges • Online learning games - https://bit.ly/2zATKuj
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