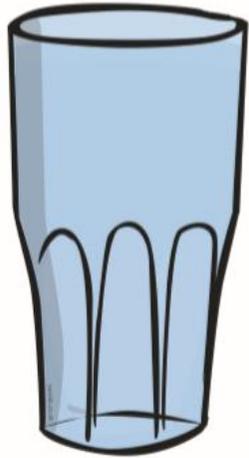


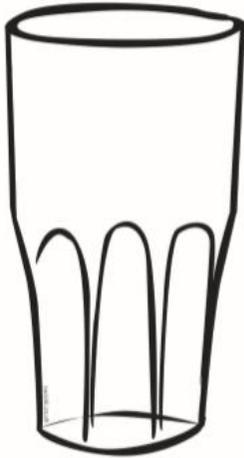
Reception maths – learning and exploring at home – Week 2 - Shape, Space and Measure

5 days of problem solving	Problem of the day 1	Problem of the day 2	Problem of the day 3	Problem of the day 4	Problem of the day 5
Factual fluency	2D/3D shape names (if available): https://www.youtube.com/watch?v=Q1xvpti6h0A https://www.youtube.com/watch?v=2cg-Uc556-Q	Star words to use: full, half full, empty	Star words to use: big, bigger, biggest, small, smaller, smallest	Star words to use: short, shorter, shortest, long, longer, longest	Star words to use: under, below, next to, beside, behind, on top of, above, between, in front of
Problem/activity of the day	Going on a shape hunt around the home. Are they 2D or 3D? Can we name them?	Have soft toys with a cup each. They all have a different amount of liquid in them. Can you describe their cups? Let's empty the cups. Can you listen to the star words I give you and put the right amount of liquid in?	Have an object. Can we describe its size using our star words. Go on a size hunt. Can you find anything bigger/smaller? Can you put them in order from smallest to biggest/biggest to smallest?	Children to go on a length hunt. Can you find things which are longer/shorter than your strip of paper. Can you put them in order from the shortest to longest/longest to shortest?	Have a soft toy and a chair. Can you use your star words to describe where the bear goes? Give instructions to your grown-up. Are they in the right position?
Resources you will need	Objects from around the house	Cups, soft toys, water	Objects from around the home	Objects from around the home, a strip of paper	A soft toy, a chair
Tips, clues or methods to help	3D are fat, 2D are flat! Word mats to support	Describe what a full, half-full and empty cup means.	Start by asking the children to make themselves small then get bigger and bigger	Children to do the longer/shorter challenge with hands, palms facing each other	Have pictures to help
Theme	Shape	Capacity	Size	Length	Position

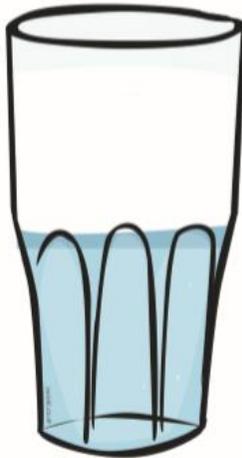
Full



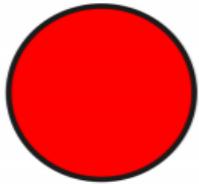
Empty



Half-Full



2D Shape Word Mat



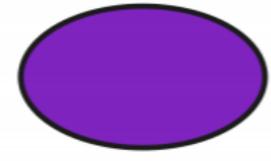
circle



rectangle



triangle



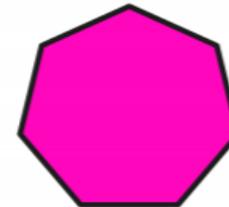
oval



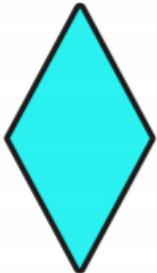
octagon



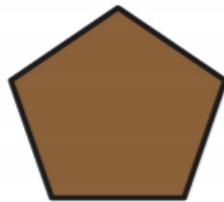
square



heptagon



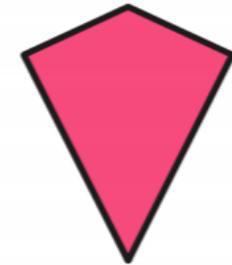
rhombus



pentagon

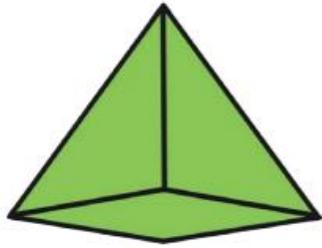


hexagon

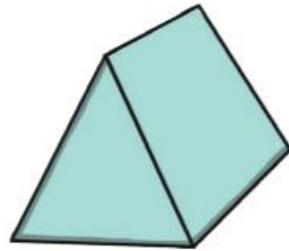


kite

3D Shapes



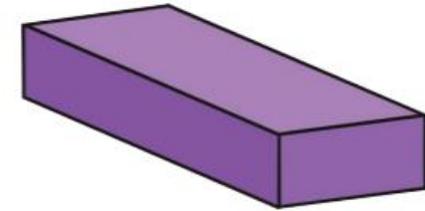
square-based pyramid



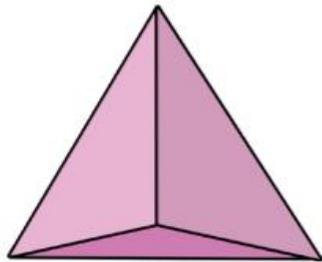
triangular prism



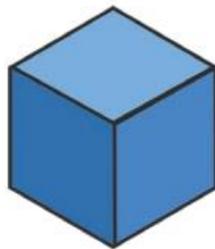
cone



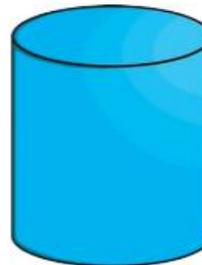
cuboid



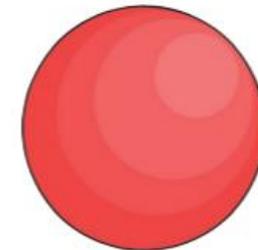
tetrahedron



cube



cylinder



sphere