

3D shape

Easy (cube, sphere, cuboid, cylinder – e.g. cereal box, ball, tin or can, dice)	Middle (cube, sphere, cuboid, cone, cylinder e.g. cereal box, ball, tin or can, dice, or paper hat)	Hard (cube, sphere, cuboid, cone, cylinder, triangular prism e.g. cereal box, ball, tin or can, dice, toblerone,)
Sorting shapes – Find a selection of 3D shapes within the home. Ask your child to sort them into groups in different ways e.g. all cuboids together.	Sorting shapes – Find a selection of 3D shapes within the home. Ask your child to sort them into groups in different ways according to properties e.g. All shapes with a square face.	Sorting shapes – Find a selection of 3D shapes within the home. Ask your child to sort them into groups in different ways according to properties e.g. all shapes with a square face, child to explain why they have made those choices.
Outside – 3D shape hunt – Go on a hunt around your house. Ask your child to find 3d shapes in the environment e.g. a tube of Pringles (cylinder) How many can you find?	Outside – 3D shape hunt – Go on a hunt around your house. Ask your child to find 3D shapes in the environment e.g. a tube of Pringles (cylinder). Can your child describe the properties of the shape they find e.g. A washing machine has 8 corners.	Outside 3D shape hunt – Go on a hunt around your house. Ask your child to find 3D shapes in the environment e.g. a tube of Pringles (cylinder). Can your child describe the properties of the shape they find? e.g. a washing machine has 8 corners. Can you write a list of all the 3d shapes you can find?
Material bag– Hide a 3D shape in a bag, describe the shape. Ask your child to guess which shape it is.	Material bag– Hide a 3D shape in a bag, describe the shape by property e.g. It has a curved face. Ask your child to guess which shape it is.	Material bag– Ask your child to hide a 3D shape in a bag and describe it for you to guess e.g. It has a point at the top.
Create a shape modele.g.shape robot or rocket.	Create a shape model e.g. Shape robot or rocket. Ask your child to tell you what shapes have been used e.g. I have used a cone at the top of my rocket.	Make a 3D shape using only straws, sticks, spaghetti, blue tac, plasticine. Ask your child to tell you what shapes they have made. Ask them what was hard and why?
Outside – make a 3D den using sticks, canes, tent poles, material, netting etc.	Outside – make a 3D den using sticks, canes, tent poles, material, netting etc. Can your child describe the shape of the den they have made? e.g. My tepee looks like a cone.	Outside –design and then make a 3D den using sticks, canes, tent poles, material, netting etc. Can your child describe the shape of the den they have made? e.g. my tepee looks like a cone.
Kim’s game – put some 3D shapes on a tray look at shapes and talk about them - hide one away – Which is missing?	Kim’s game – put some 3D shapes on a tray look at shapes and talk about them - hide one away – and describe it e.g. This shape has 2 circle faces. Your child then guesses which one is missing. Child to then have a turn describing a shape for you to guess.	Kim’s game – put the shapes on a tray look at shapes and talk about them - hide one away – and describe it e.g. This shape has straight edges. Your child to guess which one is missing. Child to then have a turn describing a shape for you to guess.

