

About This Resource

This resource is aimed at Year 1 Secure and has been designed to give children the opportunity to consolidate the skills they have learned in Autumn Block 3 – Geometry: Shape.

The questions are based on a selection of the same ‘small steps’ that are addressed in the block, but are presented in a different way so children can work through the pack independently and demonstrate their understanding and skills.

Small Steps

Sort 3D shapes

Sort 2D Shapes

2D shapes

Patterns with 2D and 3D Shapes

National Curriculum Objectives

Mathematics Year 1: [Recognise and name common 2-D shapes \[for example, rectangles \(including squares\), circles and triangles\]](#)

Mathematics Year 1: [Recognise and name common 3-D shapes \[for example, cuboids \(including cubes\), pyramids and spheres\]](#)

Did you like this resource? Don't forget to [review](#) it on our website.

The children at Lime Street School are enjoying the school fayre.
There are lots of fun rides, games and stalls.

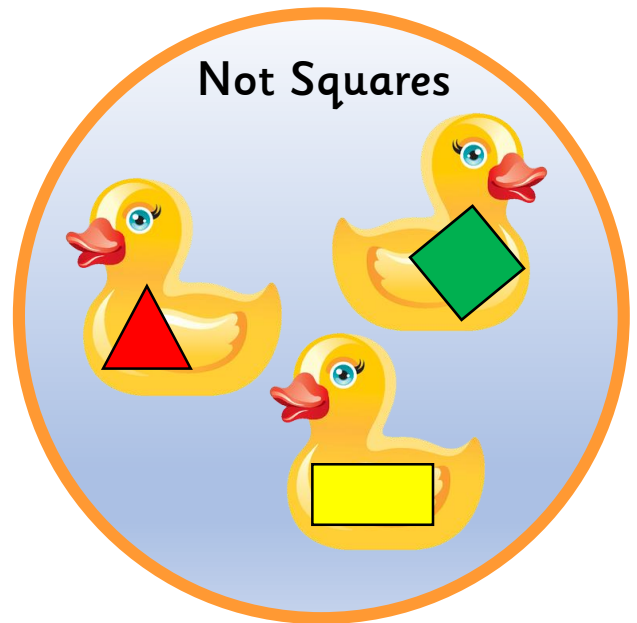
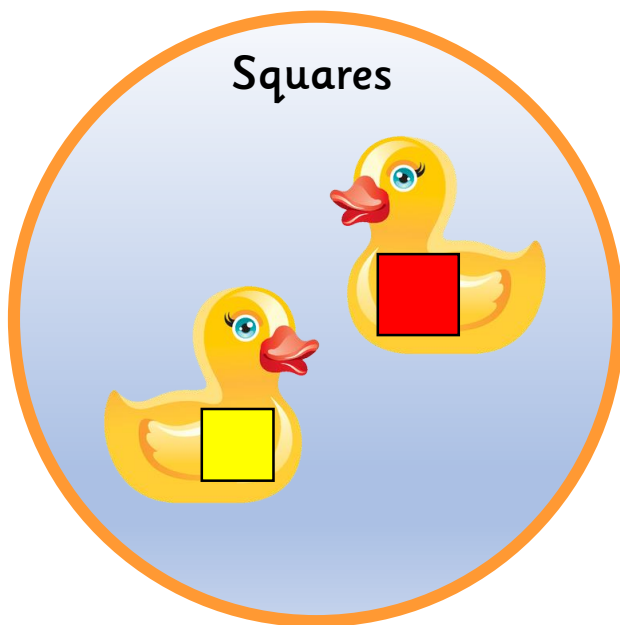


1. There is a hook-a-duck game.

The children can't wait to have a go.

There are 2 pools.

The children must hook the ducks and see what shape is on the duck and then put it into the correct pool.

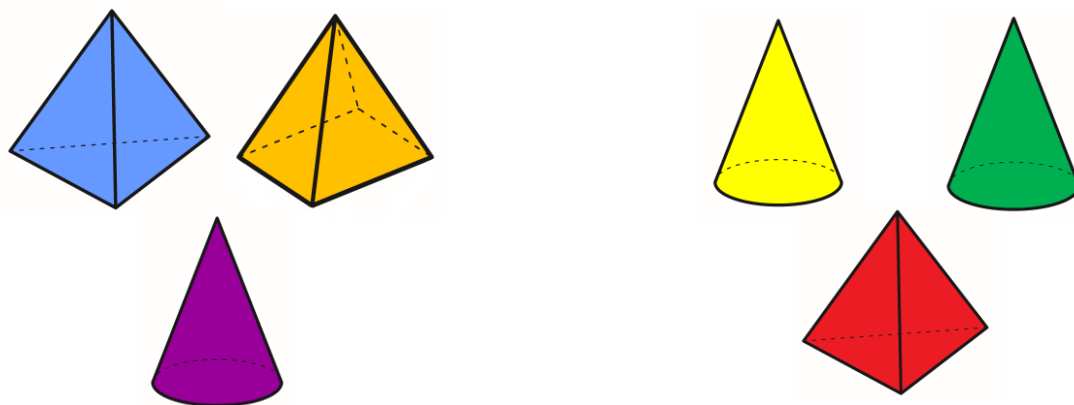


Ahmed has already had a go. Has he won the game?

Explain how you know.

Ahmed tries again and this time he wins a chocolate bar.

2. Dan and Rana are playing a bowling style game. The shapes have been sorted because different shapes score different points.



But Dan spots something wrong! What is wrong?

3.

Pyramids 1 point

Cones 2 points

Rana knocks over 3 pyramids and a cone.



What is her score?

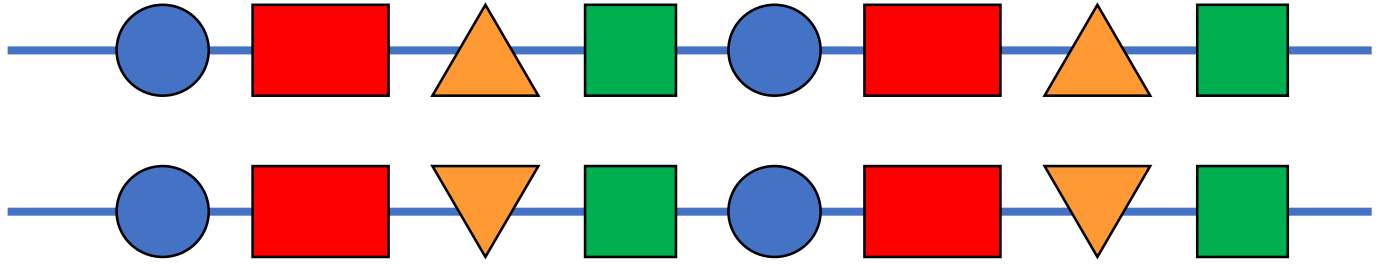
Dan knocks over 2 pyramids and 2 cones.



What is his score?

Who won the game?

4. Atifa and Sean are at the craft stall making bracelets. They have both created a pattern with their beads.



Sean



Our patterns
are exactly
the same.

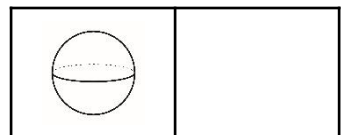
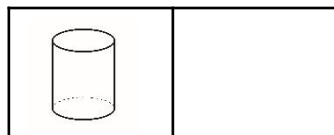
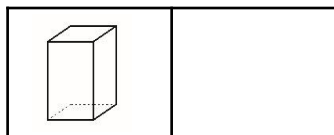
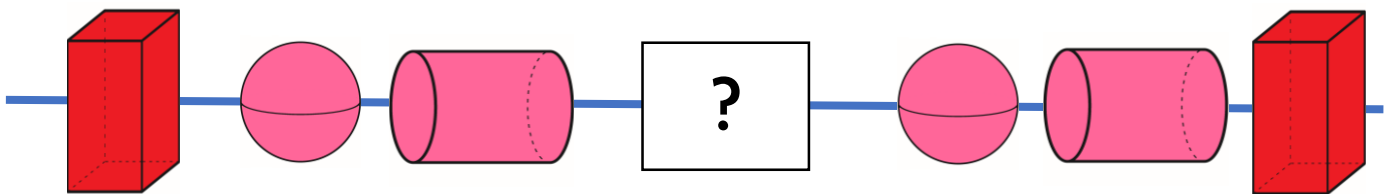
Atifa



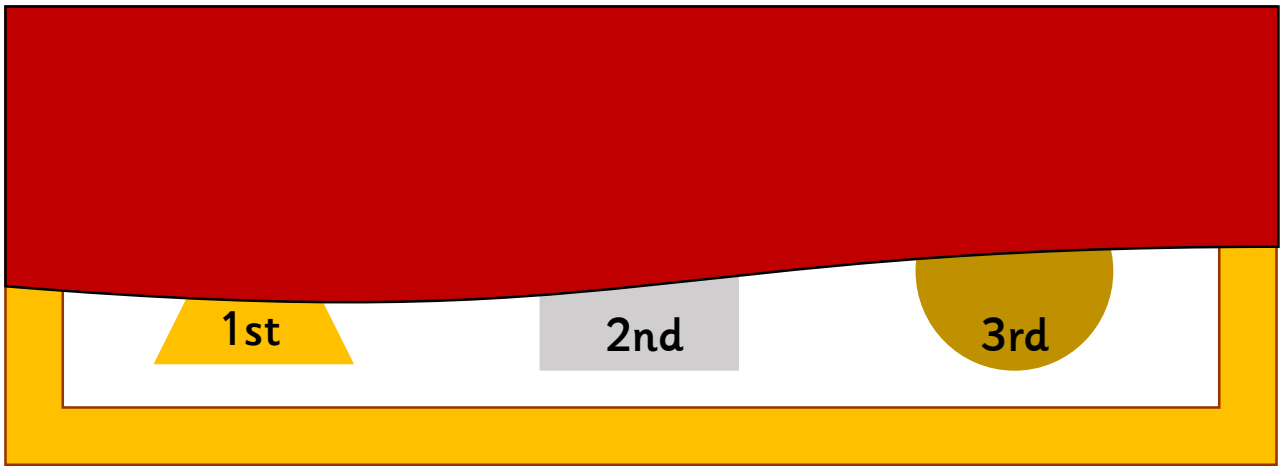
Our patterns
are different.

Who do you agree with? Explain why.

5. Atifa makes a necklace to go with her bracelet. Again, she creates a pattern with her beads. But she gets confused. What shape is missing?



It is time for the running race. The medals are all different shapes. But the board they are hanging on is covered up to keep all the beautiful medals shiny and clean.



The children are trying to guess the shape of each medal.

6. What shapes could each medal be? Explain your thinking to them.

1 st place	square	
	circle	
	triangle	

2 nd place	square	
	rectangle	
	triangle	

3 rd place	rectangle	
	circle	
	triangle	

1. Ahmed has not won the game. He has not sorted the shapes correctly. The green shape is a square, it is just a different way round. The green square should be in the other hoop.
2. The purple cone and the red pyramid need to swap groups so then there is a group of pyramids and a group of cones.
3. Rana scores 5 points ($1 + 1 + 1 + 2$); Dan scores 6 points ($1 + 1 + 2 + 2$); Dan wins the game.
4. Possible answers:
Atifa is correct because the triangles are a different way round. The colours are the same.
Or
Sean is correct because they have the same shapes, just threaded a different way round.
5. A red cuboid is missing. The cuboid box should be ticked.
6. 1st place: It could be a triangle because it looks like the 2 sides will meet at the top to make a shape with 3 sides.

2nd place: It could be a square because it could have 4 sides the same length. It could also be a rectangle because it could have 2 longer sides.

3rd place: It could be a circle because it has a curved or round edge.