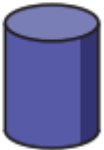


Maths: 3D shapes

Here are some links to videos and activities as a quick recap to 3D shapes.

- <https://www.bbc.co.uk/bitesize/topics/zjv39j6/articles/zcsjqtj>
- <https://www.bbc.co.uk/bitesize/topics/zjv39j6/articles/zgqpk2p>

Activity 1: Match the correct 3D shape to its name. Remember it is easier to draw a circle around the name and shape in different colours to show the pairs as lines can get messy.



sphere

cone

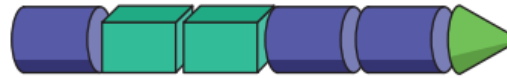
cuboid

pyramid

cylinder

cube

Activity 2: Finish the sentences to show how many of each shape are in the models.



The train has:

\_\_\_\_\_ cylinders

\_\_\_\_\_ cuboids.

\_\_\_\_\_ cone.



The tower has:

\_\_\_\_\_ cylinders

\_\_\_\_\_ cuboids.

\_\_\_\_\_ pyramid.

\_\_\_\_\_ cube.



The rocket has:

\_\_\_\_\_ cylinders

\_\_\_\_\_ cuboids.

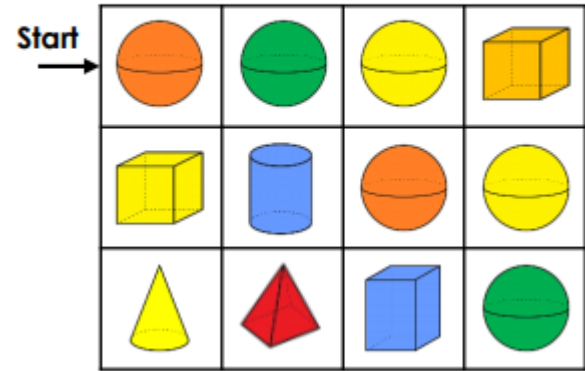
\_\_\_\_\_ cone.

\_\_\_\_\_ cubes

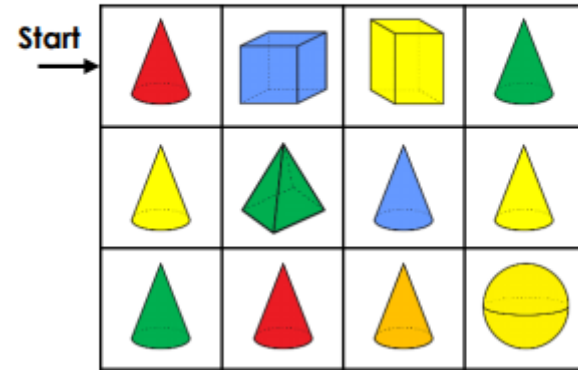
Maths: 3D shapes

Activity 3: Try and get out of the maze by following the instructions for each. Draw the route you take.

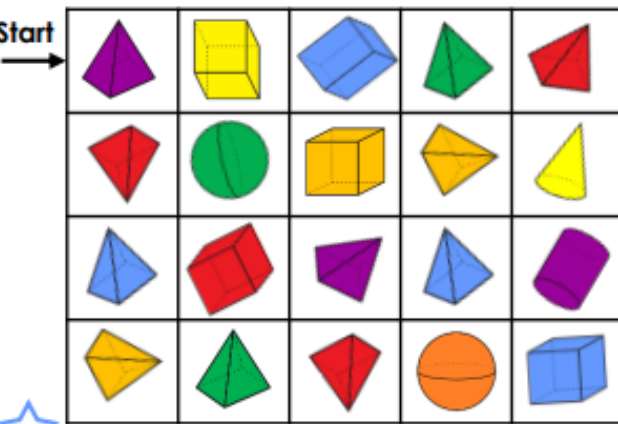
Follow the path of the spheres to make it through the maze.



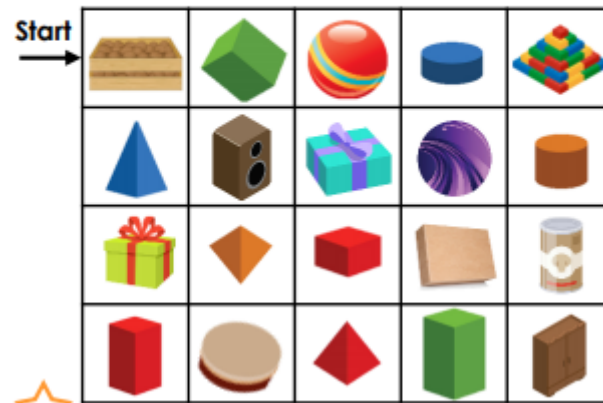
Follow the path of the cones to make it through the maze.



Follow the path of the square-based pyramids to make it through the maze.



Follow the path of the cuboids to make it through the maze.



Activity 4: Build your own tower, train or any model of your choice using 3D objects found around your house. Remember to ask if you can use the objects first.

Once you have built your model, write down how many of each 3D shape you have used. You can also take a picture and send it to me at: [orange@margaretroper.croydon.sch.uk](mailto:orange@margaretroper.croydon.sch.uk).

My model has:

\_\_\_\_\_ cylinder

\_\_\_\_\_ cuboid

\_\_\_\_\_ pyramid

\_\_\_\_\_ cube

\_\_\_\_\_ sphere

\_\_\_\_\_ cylinder

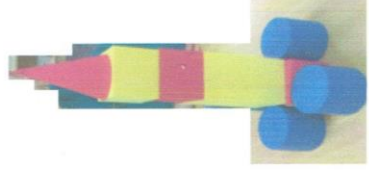
# Maths: 3D shapes

## Answers

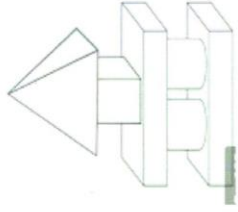
Activity 2: Finish the sentences to show how many of each shape are in the models.



The train has:  
**3** cylinders  
**2** cuboids.  
**1** cone.



The rocket has:  
**3** cylinders  
**1** cuboids.  
**1** cone.  
**3** cubes



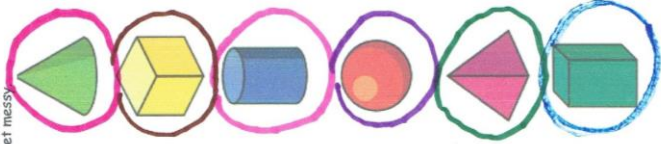
The tower has:  
**2** cylinders  
**2** cuboids.  
**1** pyramid.  
**1** cube.

Maths: 3D shapes

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- <https://www.bbc.co.uk/bitesize/topics/zv39j6/articles/zgqpk2p>

Activity 1: Match the correct 3D shape to its name. Remember it is easier to draw a circle around the name and shape in different colours to show the pairs as lines can get messy.

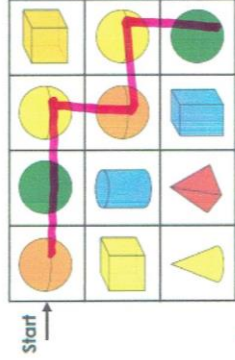


- sphere
- cone
- cuboid
- pyramid
- cylinder
- cube

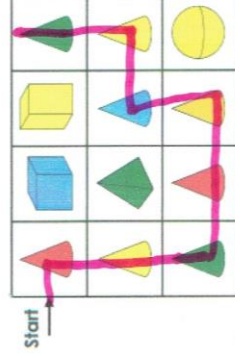
Maths: 3D shapes

Activity 3: Try and get out of the maze by following the instructions for each. Draw the route you take.

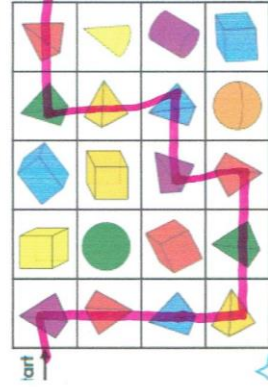
Follow the path of the spheres to make it through the maze.



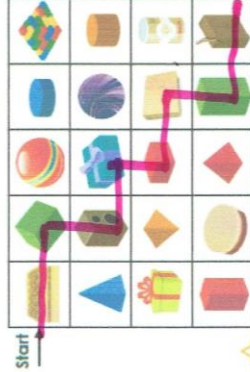
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My model has:  
 \_\_\_\_\_ cylinder  
 \_\_\_\_\_ cuboid  
 \_\_\_\_\_ pyramid  
 \_\_\_\_\_ cube  
 \_\_\_\_\_ sphere  
 \_\_\_\_\_ cylinder

*This depends on your models*