

Maths shape mini project

On Monday and Tuesday this week, you will be carrying out a maths project into shape. You can present your findings any way you want (PowerPoint, photos, PicCollage, drawings etc.) We would love to see what you have come up with!

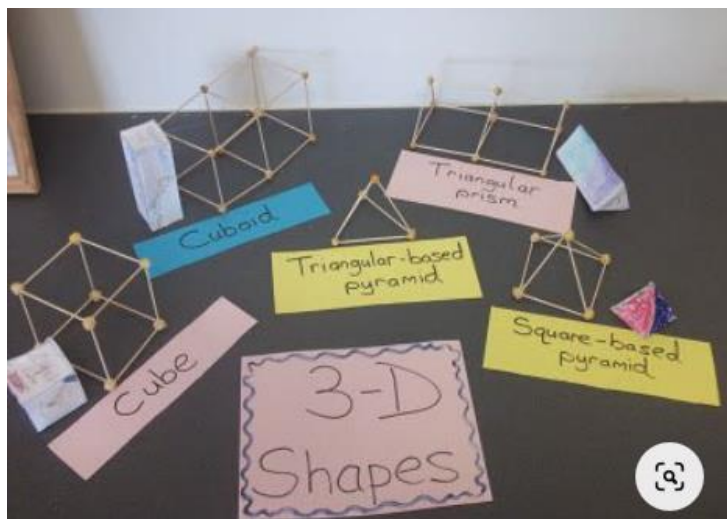
Before each day, look over the shape documents uploaded to the website and these videos:

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

<https://www.youtube.com/watch?v=OVltzLoovLc>

Monday activity

Today you are going to be working on drawing and making shapes. How many 2D shapes can you draw? Using things at home like Lego, playdough or anything else you've got we would like you to make 3D shapes. You can be as creative as you like! Here's a couple of ideas for you using cocktail sticks and playdough!



Once you have drawn and made your shapes you need to describe them. Use the following vocabulary:

2D

- Sides
- corners

3D

- Vertices
- Faces
- Edges

Extension

Can you create a pairs game to play at home with your family? On one card you can have a drawing of a shape (either 2D or 3D) and another card with the description of it. Make as many cards as you can (the more the better) then challenge people at home.... Hope you win!

Tuesday

Today you are going to investigate all the different 2D and 3D shapes you can see in your house and garden (if you go on a walk you could see how many you can spot when you're out).

Before you start, make a prediction of which 2D shape you think will be most common and which 3D shape you think will be most common.

To collect your data you could do a tally chart and then put that information into a bar chart or a pictogram. You could take photos of the different shapes and present them on something like PicCollage or something else- you choose.

Here is a video to refresh your memory on how to draw bar charts

<https://www.youtube.com/watch?v=LEXbMW-Amao>