

Marshmallows/Playdough Challenge

Resources

- Marshmallows



or Playdough



- Sticks or Spaghetti or Bucatini or Lollipop sticks



or

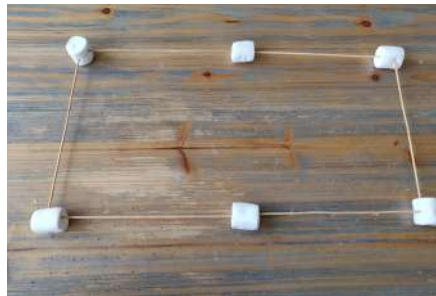


or



Challenge 1 –

Look at the below shape or make the shape using resources you have at home.

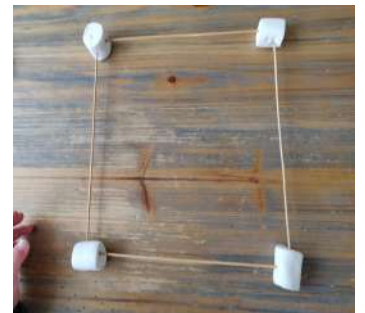


a. The name of this shape is a rectangle.

b. This shape has 4 corners.

Now make another different shape with 4 sides.

a. The name of this shape is a square.



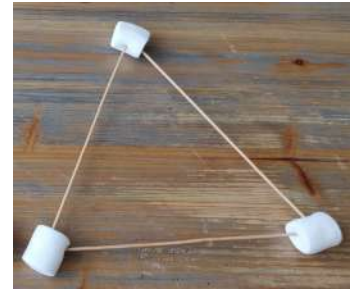
b. Write one difference between the 2 shapes.

A square has 4 equal sides, a rectangle has 2 opposite equal sides.

Challenge 2

Make a shape with 3 sides.

- The name of the shape is a triangle.
- This shape has 3 corners.



Now make a larger shape with 3 sides. Take a photo of your shape or draw the shape on a paper.



The number of corners (are the same as, are less than, are more than) the corners of the smaller shape.

Challenge 3

Make a cube.

- This shape is a (flat, solid) shape.
- This shape has 8 corners.
- Write 1 difference between a cube and a square.
A square is a 2-D shape, a cube is a 3-D shape.

Challenge 4

Now, make a cuboid.

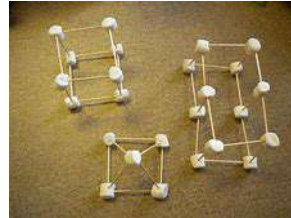
- a. Write something you know about the cuboid.

A cuboid has 6 faces.

- b. Write 1 difference between a cube and a cuboid.

A cube has all faces squares. A cuboid has faces which are rectangles.

- c. Make any other 3-D shape of your choice and take a photo (or draw the shape on a paper).



Challenge 5 - Make the pattern below



- a. **Continue** the **next two shapes** of the pattern and take a photo (or draw the shapes on a paper).



- b. Now, make a pattern of your choice.

Write something about your pattern or else talk about your pattern and take a video. Send the video and all photos to melanie.casha.sammut@ilearn.edu.mt.

Ex: purple cube, white cube, blue cube, purple cube
white cube, blue cube

