

Maths Mastery Home Learning Challenge

Adult Guidance

What Are We Learning?

We are learning about 2D shapes and their properties.

How to Set up the Challenge

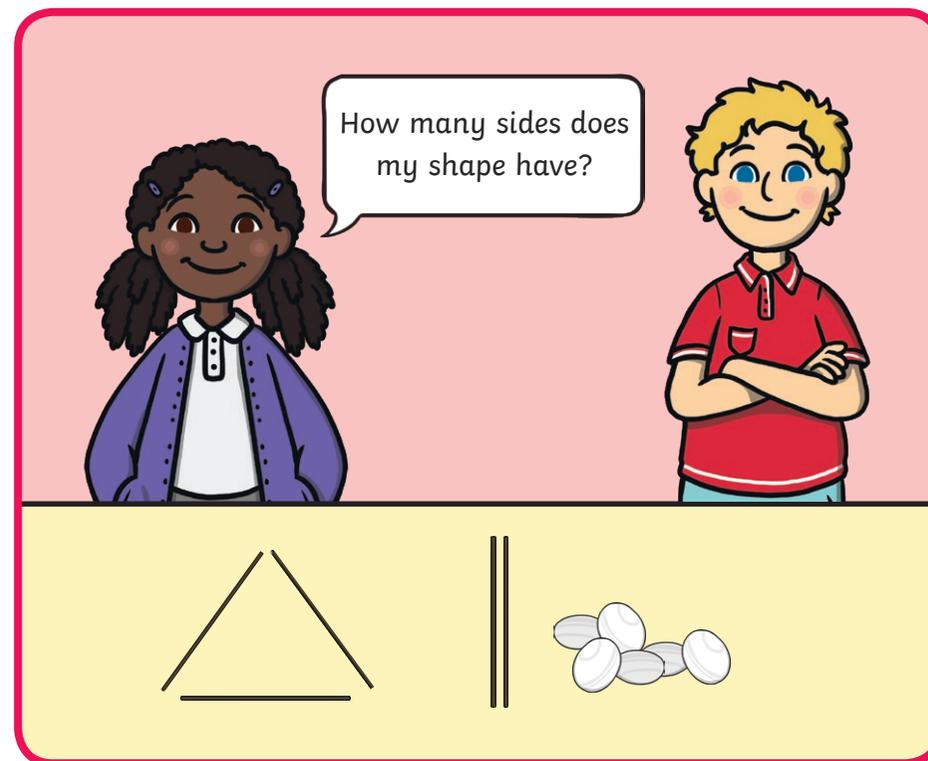
- Gather a selection of small sticks and pebbles. You could also use lolly sticks, pens, coins or buttons.
- Explore ways of arranging the items to create a 2D shape.
- Talk about the shapes you can create with your child.
- Talk about the shape names as well as some words to describe the shapes and what they look like. For example, sides, corners, straight and curved.
- Encourage your child to use these words to describe the shapes they make.



How to Get Your Child Thinking

- What shape can you make using the sticks?
- Can you make a triangle?
- How is my triangle similar to your triangle? How is it different?
- Can you make a shape with four corners?
- How many sticks did you use?
- Does this shape have any corners? How many?
- Are there any shapes you can't make using the sticks? Why not?
- What could we use to make a circle?
- Can you tell me how to make a rectangle? What do I need?
- What can you tell me about the shapes we made?
- How do you know this shape is a triangle?
- Could this shape be a circle? Why? Why not?

Making 2D Shapes



- Make a collection of sticks and pebbles.
- Use the sticks or pebbles to make a shape.
- What shape did you make? Can you tell a grown-up about your shape?
- Then, try making another shape.
- Can you make a triangle, a square, a rectangle and a circle?