

2D Shape Activities

Over the next few weeks we would be covering 2D shape in school. We have created this document to provide you with suggested activities.

Don't forget we have uploaded the White Rose maths guidance for Spring, which contains a range of activities and teaching notes. This is what we use to guide our planning.

The four shapes we would like your child to be familiar with and be able to talk about the properties are as follows:

Square – 4 sides that are the same length, 4 corners

Circle – 1 curved side

Triangle – 3 sides, 3 corners

Rectangle – 4 sides – 2 short and 2 long – 4 corners

If your child is already confident with the shapes and properties you could introduce the following shapes:

Pentagon – 5 sides, 5 corners

Hexagon – 6 sides, 6 corners

Octagon – 8 sides, 8 corners

Suggested activities:

Shape Hunt Around the House

Your child could make their own 'shape finders' out of lollipop sticks, twigs or card (see Pinterest example). They could then use their shape finder to search for different examples of this shape around the house. They could also have a go at using an iPad/phone to take pictures of the shapes they find.

Salt/Gloop/Shaving Foam Shapes

Here is a messy, but fun idea! You could provide your child with any of the above on a tray and encourage them to draw different shapes. This would be a good time to support them with their shape vocabulary and to discuss the properties.

Feely Bag Game

You could provide your child with a bag and a number of shapes inside. They then have to put their hands in and work out what shape they have by feeling for the sides/corners. Nrich.maths.org/10387

Shape Picture

You could encourage your child to draw a shape picture of a robot, house, rocket, bus etc and see what shapes they need to use. Encourage them to use the names of the shapes.

Outdoor Learning

Your child could see what shapes they could make using twigs, leaves, stones etc. Your child could also use sticks to draw shapes in the mud.

Links to More Ideas

[Nrich.maths.org/8852](https://nrich.maths.org/8852) – lots of support for questioning.

[Bbc.co.uk/bitesize/clips/zhnvcdm](https://bbc.co.uk/bitesize/clips/zhnvcdm) – song to support shape learning

Twinkl

We will also upload some additional activities from Twinkl onto the school website.