

# Maths

02.03.2021



# Overview

## Weekly Summary

This week will focus on common 2D and 3D shapes. Children distinguish between solid (3D) shapes and flat (2D) shapes. They explore the properties of 2D shapes, looking at their sides (straight or curved), the number of corners and whether they are symmetrical. They then explore the properties of 3D shapes, looking at whether they slide or roll or can do both. Children look at the faces and vertices of the shapes and at whether they can stack or not.

Warm up song and video:

<https://www.youtube.com/watch?v=pfRuLS-Vnjs>



### Main Focus

Identify and name common 2D shapes.

### Physical Resources

- lots of card and plastic 2D shapes in different colours
- 4 boxes
- paper or blank labels

### Assessment:

#### Can children:

identify a given shape by name  
discuss the properties of circles,  
squares, rectangles and triangles  
using mathematical language?



**This activity is adult led.**

## **Sorting flat shapes**

### **Description**

Label each of the four boxes with the name of a 2D shape: circle, square, rectangle and triangle. Put a variety of different shapes in each box. Explain that all the flat shapes have got muddled up. You want them tidied up and sorted out. You will be really pleased if children can do this for you. There might even be a reward!

Give children the four boxes and ask them to sort the shapes. Remind them of each type:

A circle is round. It has no corners. It has one curved side.

A square has four straight sides and four corners. The sides are all the same size.

A triangle has three straight sides and three corners. The sides can be the same size or they can be different.

A rectangle has four straight sides and four corners. Two of the sides are long and two of the sides are short.

Leave children to sort the shapes.

If they do this well, with all the shapes in the correct boxes, you could reward them with a biscuit, or a piece of fruit.

