

**Maths Overview Class 6 (following the Year 4 Maths plan)**  
**Week commencing 15<sup>th</sup> June - Shape and Symmetry**

This is week 2 of a 3-week unit on shapes and symmetry.

The objectives for this unit are:

- to compare and classify 2D shapes
- to compare and classify quadrilaterals
- to compare and classify right angled and equilateral triangles
- to compare and classify isosceles and scalene triangles
- to solve problems based on quadrilaterals and triangles

**Key vocabulary for this unit:**

**Quadrilateral:** a closed 2D shape with 4 straight sides

**Triangle:** a closed 2D shape with 3 straight sides

**Equilateral triangle:** all sides are the same length, all angles are the same measurement

**Right-angled triangle:** one of the angles is  $90^{\circ}$ , the sides can be any length

**Isosceles triangle:** 2 of the sides are the same length; 2 of the angles are the same measurement

**Scalene triangle:** all 3 sides are different lengths and all 3 angles are different

For this unit of work go to-

1. <https://www.thenational.academy>

2. Click on 'on line classroom'. Click on 'find lessons' then 'Schedule'

3. Click on year 4 and select Maths. Scroll down past the measurement sections to the 'Shape and Symmetry' part (week 7). There are five lessons for this week.

Each lesson starts with a video (you will need to have the sound on) and a couple of tasks, whether a quiz or an activity to do.

**Extension activities**

- Find as many quadrilateral items in your house in 5 minutes - what type of quadrilaterals are they? Which do you have the most of?
- Find as many triangular items in your house in 5 minutes - what type of triangles are they?
- Can you make a poster or power point presentation to explain the different 2D shapes?
- Can you make a poster or power point presentation to explain the different quadrilaterals or triangles?