Shapes and Angles

When the angle changes the shape of the polygon changes

Shapes

Properties of shapes

- 2D- Number of sides and corners
- 3D-Number of faces, edges and vertices

Shapes around us (2D and 3D)

Examples-Wheel, window, dice etc

2D

- Circle
- Triangle
- Square
- Rectangle

3D

Cannot roll

- Cube
- Cuboid

Can roll

- Sphere

Angles

Angles around us

- Angles in time (Angles formed between hands of the clock e.g. right angle is formed at 3 o'clock)
- Angles in Names
- Angles formed during Yoga

Use of Protractor

- To measure angles
- To construct angles

Classification of angles

- Zero Angle
- Acute Angle
- Right Angle
- Obtuse Angle
- Straight Angle
- Complete Angle