

Geometry Vocabulary

2D shapes – Shapes that have sides and corners, and are completely flat.

3D shapes - Shapes that have properties: faces, edges and vertices.

POLYGONS

Polygons - Any 2D shape with straight sides.

Regular Polygons - All the sides are the same length and all the angles are the same size.

Irregular Polygons - The sides and angles are not all the same.

Equilateral Triangles – Three equal sides, three equal angles, always 60° .

Isosceles Triangles – Two equal sides, two equal angles.

Scalene Triangles - No equal sides, no equal angles.

Quadrilaterals - Four sided shape with four angles.

ANGLES

Acute angles – Less than 90°

Right angles - 90°

Obtuse angles – Between 90° and 180°

Straight angles - 180°

Reflex angles – More than 180°

Full angles - 360°

CIRCLES

Circumference - The distance all the way around a circle.

Diameter - The distance right across the middle of the circle.

Radius - The distance halfway across the circle.

The radius is always half the length of the diameter.