| Year 3 - 2[|) Shape | the second se | gon can have three r more sides. | 3 sides Triangle | 4 sides Quadrilateral | 5 sides Pentagon | 6 sides Hexagon | 7 sides Heptagon | 8 sides Octagon |
|--|-----------|---|---|---------------------|----------------------------------|-------------------------------|---|-------------------------------------|--------------------------------------|
| Polygon – A polygon is any 2D shape with straight sides. Many polygons have special names. For example triangles, squares and rectangles are types of polygon. Polygons can be regular or irregular. | | all sides ar | e equal length and angles are equal | | | | | | |
| Surface – A surface is the face of the of a shape. It has length and breadth but no thickness. A surface can be flat or curved. | | Examples of Irregular Polygons | | | | | | | |
| Regular – A regular polygon is any polygon that has all its sides and angles the same. A square is a regular | | any polygon that is not regular | | | | | | 7 | |
| quadrilateral. | | Parallel and Perpendicular lines | | | | Line of Symmetry | | | |
| Irregular – Irregular polygons do not have all their sides the same length. They have different size angles. | | Parallel – Parallel lines are the same distance apart no matter | | | | | A line of symmetry divides a shape in half. One half is the reflection of the other half. The line of symmetry is the | | |
| Regular | Irregular | how long they are. Parallel lines same as a mirror line. Some shapes | | | | | | e shapes | |
| | \wedge | can ne | never cross each other. | | | | have no lines of symmetry, others have one or more. | | |
| | | perper | erpendicular – Two things are erpendicular when they meet ght angles. | | | 2 Isosceles triangle of sy | | Rectangle 2 lines of symmetry | nes metry Equilateral triangle |
| Types of angles | | | | | | | | | 3 lines of symmetry |
| Right angle | Acute ar | Acute angle | | gle | Reflex angle | | | | |
| | | | | | | | Parallelogram Square no line 4 lines of symmetry of symmetry | | |
| Exactly 90° | Less than | Less than 90° | | 0° 0° | More than 180° Less than 360° | | Circle infinite line of symmetry | | |