YEAR 8 - DEVELOPING GEOMETRY... Line symmetry and reflection

What do I need to be able to do?

By the end of this unit you should be able to:

Recognise line summetry

Reflect in a vertical line

Reflect in a diagonal line

Reflect in a horizontal line

<u>Keywords</u>

Mirror line: a line that passes through the center of a shape with a mirror image on either side of the line Line of symmetry: same definition as the mirror line Reflect: mapping of one object from one position to another of equal distance from a given line.

Vertex: a point where two or more-line segments meet.

Perpendicular: lines that cross at 90°

- Horizontal: a straight line from left to right (parallel to the x axis)
- Vertical: a straight line from top to bottom (parallel to the y axis)

