YEAR 8 — REPRESENTATIONS... Working in the Cartesian plane

<u>What do I need to be able</u> to do?

<u>Keywords</u>

- By the end of this unit you should be able to:
- Label and identify lines parallel to the axes
- Recognise and use basic straight lines
- · Identify positive and negative gradients
- Link linear graphs to sequences
- Plot y = mx + c graphs

Quadrant: four quarters of the coordinate plane. **Coordinate**: a set of values that show an exact position.

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)

Origin: (0,0) on a graph. The point the two axes cross

Parallel: Lines that never meet

Gradient: The steepness of a line

I Intercept: Where lines cross

