1. **I can graph lines with fractions.**

2. **I can state the formula for slope as** $slope = \dfrac{rise}{run}$ **.**

3. **I can state if a line has a positive, negative, zero or undefined slope.**
4. **I can state the slope of a staircase, a roof, etc.**
5. **I can find the slope of line on the Cartesian Co-ordinate System.**

6. **I can state the formula for the slope when given 2 points as** $slope = \dfrac{\Delta y}{\Delta x}$

7. **I can find the slope when given two points on a line.**
8. **I can graph a line when given a point on the line and the slope of the line.**
9. **I can state the slope and y-intercept when given the equation of a line.**
10. **I can write the equation of a line when given the slope and y-intercept.**
11. **I can graph a line using the slope and y-intercept.**
12. **I can write the equation of the line when given the graph of the line.**

KNOWLEDGE & SKILLS

BEDMAS with fractions.
SLOPE is a measure of steepness.
$slope = \dfrac{rise}{run}$
Rise – Vertical Distance.
Run – Horizontal Distance.
Positive Slope – the line leans forwards.
Negative Slope – the line leans backwards.
Zero Slope – the line is horizontal.
Undefined Slope – the line is vertical.
$m = \dfrac{\Delta y}{\Delta x}$ or m = the difference in the y-values ÷ the difference in the x-values
$y = mx + b$, where m is the slope and b is the y-intercept.
The y-intercept is where the line crosses the y-axis.