

**Overview**

In Year 9 students progress to the third year of our 5 year curriculum.

Each of the areas are broken down into small steps to develop students' understanding and mathematical fluency and build on previous learning.

Year 9

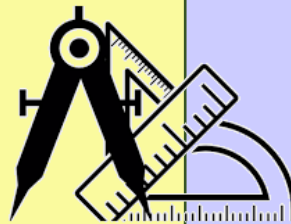
Mathematics

**Term 3****Reasoning with Proportion**

- Enlargement and similarity
- Solving ratio & proportion problems
- Rates

Representations and Revision

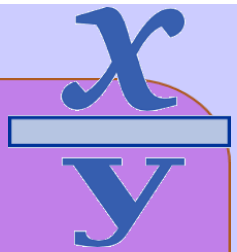
- Probability
- Algebraic representation
- Revision

**Term 1****Reasoning with Algebra**

- Straight line graphs
- Forming and solving equations
- Testing conjectures

Constructing in 2 and 3 Dimensions

- Three-dimensional shapes
- Constructions and congruency

**Term 2****Reasoning with number**

- Numbers
- Using percentages
- Maths and money

Reasoning with Geometry

- Deduction
- Rotation and translation
- Pythagoras' Theorem