

**Overview**

In Year 8 students progress to the second 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 8

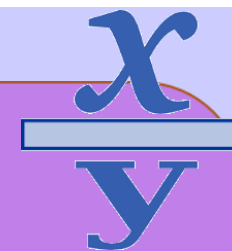
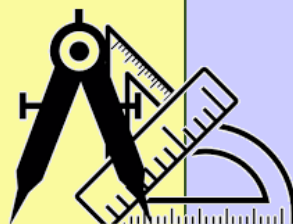
Mathematics

Term 3**Developing Geometry**

- Angles in parallel lines and polygons
- Area of trapezia and circles
- Line symmetry and reflection

Reasoning with Data

- The data handling cycle
- Measures of location

**Term 1****Proportional Reasoning**

- Ratio and scale
- Multiplicative change
- Multiplying and dividing fractions

Representations

- Working in the Cartesian plane
- Representing data
- Tables and probability

Term 2**Algebraic Techniques**

- Brackets, equations and inequalities
- Sequences
- Indices

Developing Number

- Fractions and percentages
- Standard index form
- Number sense