Eskdale School

Subject Information

Overview

Our students in Year 10 are following the Edexcel GCSE Maths two-year scheme of work. Sets 1 and 2 are following the higher tier scheme, with sets 3 and 4 following the foundation tier scheme.

Year 10 *Mathematics*

Term 1

Integers and place value; Decimals; Indices, powers and roots; Factors, multiples and primes; Algebra: the basics; Expressions and substitution into formulae; Tables, charts and graphs; Pie charts; Scatter graphs; Fractions, decimals and percentages.

Term 2

Percentages; Equations and inequalities; Sequences;

Properties of shapes, parallel lines and angle facts;

Interior and exterior angles of polygons; Statistics, sampling and the averages; Perimeter, area and volume;

Real-life graphs.

Term 3

Straight-line graphs; Transformations; Ratio; Proportion;

Right-angled triangles: Pythagoras and trigonometry;

Probability; Multiplicative reasoning.

Foundation Tier