

Curriculum Overview

Mathematics – Year 7

Unit 1: Place Value

Integers, decimals and rounding

Unit 2: Calculations

Written and mental methods for the four operations

Unit 3: Negatives

Ordering and using negative numbers

Unit 4: Fractions

Types of fractions, equivalence of fractions, working with fractions

Unit 5: Indices

Powers and roots, laws of indices, order of operations

Unit 6: Introduction to Algebra

Simplifying & multiplying expressions, substitution, solving equations

Unit 7: Working with Measures

Estimation, standard form, metric lengths, perimeter, speed

Unit 8: Shape and Area

Shape properties, area, introduction to Pythagoras

Unit 9: Fractions, Decimals and Percentages

Ordering, converting and calculations