

# **Curriculum overview**

## **Mathematics – Year 8**

### **Unit 1: Expressions**

Simplify, four operations, fractions, expand and factorise

### **Unit 2: Angles**

Notation, parallel lines, triangles and quadrilaterals

### **Unit 3: Formulae**

Writing, using and changing the subject

### **Unit 4: Area, Volume & 3D Objects**

Area of 2D shapes, volume and surface area of 3D objects

### **Unit 5: Forming and Solving Equations**

Writing and solving multi-step equations and double-sided equations

### **Unit 6: Number Theory and Sequences**

Multiples, factors, primes and composites, sequences and nth term

### **Unit 7: Functions, Coordinates and Graphs**

Using functions, plotting, reading and using graphs

### **Unit 8: Introduction to Statistics**

Collecting data, displaying data, calculating averages and range