

# Maths

Year 9

Fractions and Decimals & Ratio and Proportion

Averages & Area and Perimeter

Representing Data & Algebraic Expressions

Solving Equations & Angles

Constructions & Transformations

Pythagoras & Trigonometry

Transformations  
Transformations, congruence, plans and elevations

Shape  
Area and circumference of circles and surface area and volume of prisms

Probability  
Describe and calculate probabilities

Algebra  
Sequences, solving and rearranging algebra and graphs

Percentages  
Percentages of amounts, percentage change and reverse percentages

Number  
BIDMAS, indices, standard form, prime factorisation and HCF and LCM

# KS3 Curriculum Overview

Year 7

Number  
Types of Number and Arithmetic

Ratio and Proportion  
Operations with fractions and using ratios

Algebra  
Simplify, substituting into and solving algebraic expressions

Representing Data  
Finding averages of data and interpreting tables and graphs

Constructions and Shape  
Constructions and area, perimeter and volume of shapes

Angles  
Measure, draw and calculate the size of angles

Year 8

**Online Resources**  
Click the apps to explore

 Microsoft Teams

 **CENTURY**

 **BBC Bitesize**

