

# MATHS CURRICULUM MAP



## Year 7

### Half Term 1

Number - Problem solving with the 4 operations  
Place value and ordering

### Half Term 2

Equality and equivalence  
Sequences

### Half Term 3

Fractions and percentages of amounts  
Understand and use algebraic notation

### Half Term 4

Addition and subtraction of fractions  
Fractions and percentages of amounts

### Half Term 5

Construct, measure and use geometric notation  
Develop geometric reasoning

### Half Term 6

Sets and probability  
Develop number sense



## Year 8

### Half Term 1

Number  
Fraction, decimal and percentage equivalence  
Work in the Cartesian plane

### Half Term 2

Ratio and scale  
Multiply and divide fractions  
Represent data

### Half Term 3

Tables and probability  
Brackets, equations and inequalities  
Indices

### Half Term 4

Fractions and percentages  
Standard index form  
Number sense

### Half Term 5

Angles in parallel lines and polygons  
Line symmetry  
The data handling cycle

### Half Term 6

Area of trapezia and circles  
Measures of location



## Year 9

### Half Term 1

Number  
Straight line graphs  
Form and solve equations

### Half Term 2

Three-dimensional shapes  
Constructions and congruency  
Use percentages

### Half Term 3

Maths and money  
Rotation and translation  
Pythagoras' theorem

### Half Term 4

Deduction - angle problem solving  
Enlargement and similarity  
Solve ratio and proportion problems

### Half Term 5

Rates  
Probability  
Algebraic representation

### Half Term 6

Circle geometry  
Polygon geometry



## Year 10

### Half Term 1

Number  
Congruence, similarity & enlargement  
Trigonometry

### Half Term 2

Representing solutions of equations & inequalities  
Simultaneous equations

### Half Term 3

Angles & bearings  
Working with circles  
Vectors

### Half Term 4

Ratios & fractions  
Percentages & Interest  
Probability

### Half Term 5

Collecting, representing & interpreting data  
Non-calculator methods  
Types of number & sequences

### Half Term 6

Indices & roots  
Manipulating expressions



## Year 11

### Half Term 1

Number  
Gradients & lines  
Non-linear graphs

### Half Term 2

Using graphs  
Expanding & factorising  
Changing the subject

### Half Term 3

Functions  
Multiplicative reasoning  
Geometric reasoning

### Half Term 4

Algebraic reasoning  
Transforming & Constructing  
Listing & describing

### Half Term 5

Revision & Exams

### Half Term 6

Revision & Exams

