

# Year 8 Mathematics

**Curriculum Manager:** Mrs Crowder

**Second in Faculty:** Mrs Cooper

**Teaching Staff:** Miss Maguire, Mrs Rushton, Mr Stead, Mr Sowden, Mrs Watkins, Mrs Kenny, Miss Pettigrew, Mrs Horton, Miss Fitzpatrick, Mr Szekely and Miss Murray

## Topics Studied - Term 1

### Half Term 1

- Negative Numbers
- Special Number
- Fractions
- Percentages
- Fractions, decimals and percentages

### Half Term 2

- Substitution
- Coordinates and Graphs
- Sequences
- Ratio and Scale
- Proportion

## Topics Studied - Term 2

### Half Term 3

- Four Operations
- Algebra-Simplifying
- Algebra- Equations
- Inequalities
- Angles

### Half Term 4

- Transformations
- Similar Shapes

## Topics Studied - Term 3

### Half Term 5

- Decimals and Estimation
- Measure, time and reading scales
- Area, perimeter and volume

### Half Term 6

- Construction
- Data Handling
- Averages
- Probability

## Assessments:

Pupils will sit graded assessments at the end of every half term and are expected to revise for these assessments throughout the year.

Pupils will sit Core Assessments towards the end of the year, to assess the progress they have made. These assessments also form part of the setting process for Year 9.

## Homework:

An online or written exercise will be given weekly by class teachers.

## Other Useful Information:

### Equipment

Pupils will need a pen, pencil, ruler, compass and protractor for all Maths lessons. Pupils will also require a scientific calculator. Equipment can be purchased from Student Services.

### Online Resources

**www.mathswatchvle.com:** Mathswatch can be used to access tutorial videos and questions on all maths topics on the KS3 Maths syllabus.

Each pupil has been given a unique username and password which is recorded in their planner at the beginning of the academic year.

**www.mymaths.co.uk:** MyMaths can be used to access online lessons for all maths topics on the KS3 syllabus.

School username: aomhs

School Password: brown

Pupils may also be set work specifically by their class teacher from this site and will have a unique username and password to access this work.