

Year 9 Mathematics

Curriculum Manager: Mrs A Crowder

Second in Faculty: Mrs A 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

Curriculum Overview Year 9

Topics Studied – Term 1

Half Term 1

- Negative Numbers
- Algebra - Equations
- Algebra – Substitution
- Linear graphs
- Inequalities

Half Term 2

- Indices
- Standard Form
- Angles
- Sequences
- Data Handling

Topics Studied – Term 2

Half Term 3

- Percentages
- Ratio
- Proportion
- Real Life Graphs

Half Term 4

- Algebra - Expression
- Pythagoras and Trigonometry
- Measures and Compound Measures
- Area, Perimeter and Volume
- Circles

Topics Studied – Term 3

Half Term 5

- Rounding and Estimation
- Fractions, Decimals and Percentages
- Probability

Half Term 6

- Averages
- Transformations
- Similar Shapes
- Construction and Loci

Assessments:

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

All pupils will also take an end of year assessment, to review progress made throughout the year. These assessments also form part of the setting process for Year 10.

Homework:

An online or written exercise will be given weekly by class teachers through 'Show My Homework'.

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.

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.