

Year 7 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

Topics Studied - Term 1

Half Term 1

- Four Operations and BODMAS
- Powers and Roots
- Directed Number
- Algebra- Simplifying
- Algebra – Substitution
- Area and Perimeter

Half Term 2

- Place Value
- Decimals
- Units of measure
- Averages
- Data Handling

Topics Studied - Term 2

Half Term 3

- Special Number
- Fraction, Decimals and Percentages
- Fractions
- Percentages

Half Term 4

- Algebra – Equations
- Sequences
- Angles

Topics Studied - Term 3

Half Term 5

- Ratio and Proportion
- Volume
- 2D/3D Shapes

Half Term 6

- Coordinates and Graphs
- 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 an end of year assessment to review the progress made over the year. The end of year assessment also forms part of the setting process for Year 8.

Homework:

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

Other Useful Information:

Equipment

Students 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.