

Mathematics Year 8

Curriculum Manager: Mrs Anne Crowder

Second in Faculty: Mrs Alexandra Cooper

Teaching Staff: Gwen Moore; Clare Maguire; Caroline Rushton; Paul Stead; David Sowden; Joanne Watkins; Joanne Kenny; Lucy Pettigrew; Amanda Horton; Lauren Fitzpatrick; Sean Szekely.

Curriculum Overview Year 8:

Topics Studied - Term 1

Half Term 1

Algebraic Expressions
Perimeter, Area and Volume
Decimals
Special Number

Half Term 2

Coordinates and Graphs
Equations
Sequences

Topics Studied - Term 2

Half Term 3

Fractions
Percentages
Fractions, Decimals and Percentages
Ratio and Proportion
Probability

Half Term 4

Negative Numbers
Algebra – Substitution
Angles
BODMAS and Estimation

Topics Studied - Term 3

Half Term 5

Four Rules
Collecting and Displaying Data
Averages

Half Term 6

Measure, Time and Reading
Scales
Transformations
Construction
2D and 3D shapes
Representing Data

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 Core 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:

Key Dates;

Core Assessments – April/May

Equipment

Students 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.

Moodle: Moodle contains links to other useful websites and resources.