

Mathematics Year 7

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 7:

Topics Studied - Term 1

Half Term 1

4 Rules
Negative Numbers
Decimals
Algebraic Expressions
Fractions

Half Term 2

BODMAS and Estimation
Algebra Substitution
Perimeter, Area and Volume
Angles

Topics Studied - Term 2

Half Term 3

Equations
Special Number
Percentages

Half Term 4

Fractions, Decimals and Percentages
Coordinates and Graphs
Measure, Time and Reading
Scales
Sequences

Topics Studied - Term 3

Half Term 5

Ratio and Proportion
Probability
Averages
2D and 3D Shapes

Half Term 6

Collecting and Displaying Data
Transformations
Construction

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 exam to assess 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.

Other Useful Information:

Key Dates:

End of year exam – June

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.

