

Year 11 Curriculum Guide



Autumn Term 2017

English

All students will work on the AQA GCSE English Language course. This term we will focus in detail on the requirements for Papers 1 and 2. This involves working on key skills such as: reading, understanding and responding to texts, explaining and commenting on writers' methods and effects, forming a critical response, comparing texts, writing creatively and from a particular point of view. We will look at a variety of extracts from 19th, 20th and 21st literary and literary non-fiction sources. Throughout, the students will be improving their ability to use the PEE technique and to redraft and edit their own written work.

As well as English Language topics, **Group 11(1)** will complete the study and annotation of poems in the 'Power and Conflict' section of the AQA anthology and look at how to answer a sample question comparing 2 poems. We will also consider a range of unseen poems for the second part of Literature Paper 2. We will read the play script of 'The Curious Incident of the Dog in the Night-time', adapted from the novel by Mark Haddon, revising the work completed on this in Year 10 and work on some sample exam questions.

Maths

Year 10/11 Foundation Curriculum students targeted grades 1-3 students will be learning the following.

Unit 1

Number work: place value, tenths, hundredths and thousandths, rounding, addition and subtraction of whole numbers, multiplication and division of whole numbers by 10, 100 and 1000, multiplication (short and long), division (short and long), addition and subtraction of negative numbers, multiplication and division with negative numbers, order of operations, squares and square roots, cubes and cube roots, powers, factors and prime numbers, multiples and lowest common multiple, highest common factor, prime factors, standard form.

Unit 2

Algebra: forming expressions, substituting into and expression, using formulae, collecting like terms, simplifying terms, rules for indices, expanding brackets, finding common factors, solving simple equations.

Year 11 Foundation Curriculum Students targeted grades 4-5 students will be learning the following.

Unit 7

Algebra: review previous algebra work, arithmetic sequences, finding the nth term in a sequence, quadratic, geometric and Fibonacci sequences, changing the subject of a formula, inequalities (represent on a number line), solving inequalities, solving quadratic equations by factorising, finding roots of quadratic equations graphically, cover up method for drawing straight lines, simultaneous equations on a graph, solving simultaneous equations, drawing curves from equations, graphs of cubes and reciprocals, rates of change, finding straight line equations.

Unit 8

Statistics: review previous probability work, Venn diagrams (set notation), independent events (AND rule), OR rule, probability trees.

Science

Biology

1. Natural selection and gene modification

Chemistry

1. Acids and alkalis

Physics

1. Waves
2. Light and the electromagnetic spectrum

ICT

Students will be working towards Functional Skills L2.

Word: Creating Tables, inserting images, Page Design and Layout, Printing Options

Excel: Using advanced formulae: Using functions and What if Statements, HLookup, VLookup and Absolute and Relative cell referencing exercises.

Towards the latter part of the term they will be working through past papers.

PE

In practical lessons the students will be playing a variety of sports including rounders, football, quick cricket and a focus on badminton. The students will also be monitoring their fitness levels on a regular basis. In theory lessons the group will be looking at the function of the body related to sport, to understand how fitness improves through exercise, as well as looking at the ethics of sport and the role of performance enhancing substances on the body.



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