



Year 11: Curriculum Topics

Maths

Foundation Tier:

Percentage change
Quadratic brackets and inequalities
Scale factor diagrams and maps
Constructions and polygons
Probability
Congruence and similarity, arcs and sectors
Units of measure and indices
Rearranging formula and sketching graphs
Standard form
Growth and decay
Volume
Simultaneous equations
Trigonometry
Further algebra
Probability tree diagrams
Vectors, cones and sphere
Gradient and the rate of change

Higher Tier:

Standard form
Rearranging formulae
Growth and decay
Arcs and sectors
Cones and spheres
Further quadratics
Surds rational numbers
Linear and quadratic equations and their graphs 1
Linear/quadratic equations and graphs 2
Cumulative frequency
Box plots
Vectors
Equations of a circle
Trigonometry graphs

Sin and cosine rule
Algebra proof
Algebraic fractions
Direct and inverse proportion 2
Histograms
Functions and transforming functions
Upper and lower bounds
Circle theorems
Iteration
Gradient and rate of change 1
Financial calculations and product rule
Pre-calculus and area under a curve

English Language

AQA English Language Paper 1 and 2

English Literature

An Inspector Calls
Macbeth
Poetry
A Christmas Carol

Science

Inheritance, variation and evolution
Chemical analysis
Chemistry of the atmosphere
Waves
Magnetism and electromagnetism

History

Norman England
Medicine through time
WWI
Weimar and Nazi Germany

Geography

Resource management (food)
Pre-release material

RE

Christianity matters of life and death

Christianity marriage and the family
Islam living the Muslim life
Muslim beliefs

Modern Foreign Languages (French and Urdu)

Travel and tourism
My studies/Life at school
Education post 16
Future plans

BTEC Award in Digital Information Technology

Component 1 - Exploring User Interface Design Principles and Project Planning Technique

- a. Investigate user interface design for individuals and organisations
- b. Use project planning techniques to plan and design a user interface
- c. Develop and review a user interface

Component 2 - Collecting, Presenting and Interpreting Data

- a. Investigate the role and impact of using data on individuals and organisations
- b. Create a dashboard using data manipulation tools
- c. Draw conclusions and review data presentation methods

Component 3 - Effective Digital Working Practices

- a. Modern technologies
- b. Cyber security
- c. The wider implications of digital systems
- d. Planning and communication in digital systems

Edexcel Level 2 Certificate in Digital Applications

Unit 1: Developing Web Products

Unit 2: Creative Multimedia

Art

GCSE – manmade vs nature

Portfolio component: a sustained project developed in response to a subject, theme, task or brief evidencing the journey from initial engagement with an idea(s) to the realisation of intentions. This will give students the opportunity to demonstrate, through an extended creative response, their ability to draw together different areas of knowledge, skills and/or understanding from across their course of study.

Externally set task: (exam paper released early – January 2019) AQA will provide a separate externally set assignment for each title, each with seven different starting points.

Students must select and respond to one starting point from their chosen title. The externally set assignment provides students with the opportunity to demonstrate, through an extended creative response, their ability to draw together different areas of knowledge, skills and/or understanding in response to their selected starting point.

Students must ensure that the total submission for Component 2 evidences coverage of all four assessment objectives and evidence of drawing activity and written annotation.

Music

Unit 1 – music industry

Unit 4 – composition

Unit 5 – performance

PE

Boys:

Football

Rugby

Hockey

Rounders/cricket

Girls:

Table tennis

Badminton

Fitness

Volleyball

Basketball

Pearson BTEC First Award in Sport

Unit 1: Fitness for Sport and Exercise

Unit 2: Practical Performance

Unit 3: Applying the Principles of Personal Training

Unit 6: Leading Sports Activities