



Year 10: Curriculum Topics

Maths

Foundation Tier:

Operators, place value and BIDMAS

Factors, multiples and primes

Ratio

Angles and scale diagrams

Basic algebra

Powers and roots

Proportion

Charts, graphs and tables

Brackets and substitution

Perimeter and area

Fractions

Circles

Data, averages and range

Direct and indirect proportion

Solve equations

Decimals and rounding

Coordinates and real life graphs

Comparing quantities

Transformations

Basic percentages

Equation of a line

Basic probability

Pythagoras theorem

Fractions, decimals and percentages

Scatter graphs and pie charts

2D representations and measures

Scale factors, diagrams and maps

Fraction operations

Sequences

Higher Tier:

Basic number

Factors and multiples
Basic algebra
Basic inequalities
Ratio
Angles
Scale diagrams and bearings
Equations and formulae 1
Fractions
Coordinates and linear Graphs
Parallel and perpendicular lines
Scatter diagrams
Collecting and representing data
Proportion
Linear sequences
Quadratic sequences
Quadratics 1
Sampling, averages and range
Perimeter and area
Circles
Quadratics 2
Transformations
Percentages
Real life graphs
Sketching graphs
Direct proportion
Pythagoras theorem
Volume
Solving inequalities
Quad. inequalities
2D Representation
Measures
Linear simultaneous equations
Probability
Loci and construction
Polygons
Quadratic simultaneous equations
Averages and range
Venn diagrams
Trigonometry
Calculating with percentages
Indices
Congruency and similarity 1

English Language

AQA English Language Paper 1 and 2

English Literature

An Inspector Calls
Poetry
A Christmas Carol

Science

Cell organisation
Bioenergetics
Homeostasis
Quantitative chemistry
Energy changes
The rate and extent of chemical change
Organic chemistry
Particle model of matter
Atomic structure
Forces

History

Norman England
Medicine through time
WWI
Weimar and Nazi Germany

Geography

Living World
Coasts and rivers
Economic world

RE

Muslim beliefs
Living the Muslim life
Christian beliefs
Living the Christian life
Islam crime and punishment
Islam peace and conflict

Modern Foreign Languages (French and Urdu)

Free time activities
Home
Town, neighbourhood and region
Social issues
Global issues

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 2 – managing a music product

Exam preparation

Unit 5 – performance

PE

Boys:

Football
Rugby
Hockey
Rounders/cricket
Athletics

Girls:

Table tennis
Badminton
Fitness
Volleyball
Basketball
Athletics

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