



## Year 9: Curriculum Topics

### Maths

#### Foundation Tier:

Basic number  
Factors and multiples  
Angles  
Scale drawings and bearings  
Basic algebra  
Basic fractions  
Basic decimals  
Coordinates and linear graphs  
Rounding  
Collecting and representing data  
Sequences  
Basic percentages  
Area and perimeter  
Circumference and area  
Ratio and proportion  
Equations  
Basic probability  
Scatter graphs  
Transformations  
Pythagoras Theorem  
2D/3D shapes

#### Higher Tier:

Basic number  
Factors and multiples  
Angles  
Scale drawings and bearings  
Basic algebra review  
Basic fractions  
Basic decimals  
Coordinates and linear graphs  
Rounding  
Collecting and representing data

Sequences  
Area and perimeter  
Real life graphs  
Circumference and area  
Ratio and proportion  
Equations  
Basic probability  
Scatter graphs  
Standard form  
Transformations  
Construction and 2D/3D shapes

## **English Language**

AQA English Language Paper 1 and 2

## **English Literature**

Macbeth  
Power and conflict poetry  
Of Mice and Men

## **Science**

Cell biology  
Infection and response  
Ecology  
Atomic structure and the periodic table  
Bonding, structure and properties of matter  
Chemical changes  
Energy  
Electricity

## **History**

WWI  
WWII  
The Holocaust  
The Norman Conquest

## **Geography**

Urban issues and challenges  
Natural hazards  
Living world

## **RE**

Prejudice  
Animal rights  
Rich and poor  
Drug abuse

## **Modern Foreign Languages (French and Urdu)**

Family, friend and relationships  
Technology in everyday life  
Customs and festivals

## **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**

Baseline assessment  
Natural form, toys, architecture themes covered throughout the academic year  
Journey to GCSE  
Introduction to the assessment objectives of GCSE Art and Design  
Developing ideas  
Refining work  
Experimentation with different media  
Presenting a final piece

Written annotation and artwork analysis

Drawing – first hand response to imagery. Drawing from observation and the work of artists

2D Card relief and 3D sculpture form

Final piece – acrylic painting

## **Music**

Unit 5 – performance

Unit 4 – composition

Unit 1 – The Music Industry

## **PE**

### **Boys:**

Dance

Football

Fitness

Rugby

Gymnastics

Hockey

Basketball

Table tennis

Badminton

Rounders/cricket

Athletics

### **Girls:**

Dance

Warm ups

Fitness

Rugby

Gymnastics

Football

Netball

Basketball

Hockey

Table tennis

Badminton

Rounders/cricket

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