

## English

**Topics:** 19<sup>th</sup> Century novel (*A Christmas Carol* by Charles Dickens); Drama text (*Much Ado About Nothing* by William Shakespeare); Language paper 2 (writers' viewpoints and perspectives).

**Key knowledge:** Understanding of literature as a message to Victorian readers; drama conventions; analysis of non-fiction extracts; language used for writing to argue, persuade and inform.

**Key skills:** Inference using two texts; language analysis; comparison of two texts; oracy and discussion; writing in a role; selecting and analysing quotes; evaluation and analysis of character constructs and themes in a text; oracy.

**English language specification:**

<https://www.aqa.org.uk/subjects/english/gcse/english-language-8700/changes-for-2022>

**English literature specification:**

<https://www.aqa.org.uk/subjects/english/gcse/english-literature-8702>

## RE

**Topics:** Faith in Action Award.

**Key knowledge:** Understanding and encouraging living faith in the real world; Links between individuals, communities and organisations; How to work for the Good News and the common good.

**Key skills:** Apply and demonstrate religious values or teachings; demonstrate Gospel values, primarily serving others.

## Introduction:

This document provides a snapshot of the learning diet for our pupils in each term in Year 11. During this year, all pupils study the core subjects of English, Maths, Science and RE. Most pupils study Spanish and Geography or History, and then have a third option subject.



## Year 11 Curriculum overview Autumn term

### Core PE

**Sports:** Football; basketball / volleyball.; trampolining; fitness.

**Key knowledge:** Rules and regulations; respect; tactics; rules; routines.

**Key skills:** Formations; positioning; passing; spatial awareness; shooting; serve; turns; leadership skills.

### PSHE

**Topics:** Building for the future; Next steps.

**Key ideas:** Self-sufficiency; stress management; responsible health choices; safety in independent contexts; application processes; further education, employment and careers.

**Relationships and sex education topics:** Self-worth; addiction; eating disorders; birth control; pornography; sexually transmitted infections; coercive control.

## Maths

**Topics (Foundation):** Fractions, indices and standard form; Congruence, similarity and vector.

**Key knowledge (Foundation):** Fractions; laws of indices; standard form; geometry of triangles; enlargements; angles in triangles.

**Key skills (Foundation):** Using operations with fractions; converting between fractions and numbers; using index form; solve angle problems; find scale factors of enlargements.

**Topics (Higher):** Vectors and geometric proof; Proportions and graphs.

**Key knowledge (Higher):** Vector notation; vector arithmetic; direct and inverse proportion; exponential functions.

**Key skills (Higher):** Use vectors to describe translations; add and subtract column vectors; use proportion to solve problems; transform functions.

**Specification:**

<https://qualifications.pearson.com/en/qualifications/edexcel-gcses/mathematics-2015.html>

## Science

**Topics:** Forces; Inheritance and evolution; Organic chemistry.

**Key knowledge:** Types of forces; Newton's laws; pressure; motion; inheritance; variation; evolution; classification; crude oil; hydrocarbons; other organic chemicals (GCSE Chemistry only).

**Key skills:** Calculating resultant forces; interpreting force diagrams; explaining the effects of forces; interpreting genetic diagrams; sequencing key vocabulary; recognising structural formulae.

**Biology specification:**

<https://filestore.aqa.org.uk/resources/biology/specifications/AQA-8461-SP-2016.PDF>

**Chemistry specification:**

<https://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-8462-SP-2016.PDF>

**Combined Science specification:**

<https://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF>

**Physics specification:**

<https://filestore.aqa.org.uk/resources/physics/specifications/AQA-8463-SP-2016.PDF>

## Spanish

**Topics:** My studies; Life and school; Education post-16; Jobs, careers and ambitions.

**Key knowledge:** Studying school rules and organisation; education choices after GCSE and ambitions in the professional world.

**Key skills:** Understanding and responding to different types of spoken and written language; communicating and interacting effectively in speech for a variety of purposes.

## French

**Topics:** My studies; Life and school; Education post-16; Jobs, careers and ambitions.

**Key knowledge:** Studying school rules and organisation; education choices after GCSE and ambitions in the professional world.

**Key skills:** Understanding and responding to different types of spoken and written language; communicating and interacting effectively in speech for a variety of purposes.

## Business Studies

**Topics:** Making human resource and financial decisions.

**Key knowledge:** Organisational structures; communication; ways of working; training and development; recruitment; motivation; profit; ARR and business data and performance.

**Key skills:** Calculations using ratio analysis; assessing data; evaluation of organisational structures and impact on HR.

## Vocational Sport

**Topics:** Fitness for sport and exercise; Applying the principles of personal training.

**Key knowledge:** Components of fitness; personal training; training methods.

**Key skills:** Investigating fitness.

## History

**Topics:** Changes in health and medicine (c500 to the present).

**Key knowledge:** Ideas about the cause of disease; methods of prevention and treatment; developments in knowledge.

**Key skills:** Comparing sources; reliability of sources; describing specific developments; explaining significance; outlining change over time.



# Year 11 Curriculum overview Autumn term

## Music

**Topics:** Musical knowledge; Live music performance.

**Key skills:** Develop research skills; build a wider contextual and theoretical knowledge of contemporary music; performing to a set brief.

## Art

**Topics:** Still life; Decay.

**Key knowledge:** Exploring a range of mediums; process of printing; lino print; key artists that use decay.

**Key skills:** Observational drawing; critical analysis; developing design ideas; presentation skills; evaluation.

## Geography

**Topics:** Weather and climate; Ecosystems and their threats.

**Key knowledge:** UK climate; climatic zones; climatic hazards; processes in ecosystems; use and management of ecosystems.

**Key skills:** Map skills; problem-solving; enquiry; analysis of data and graphs; evaluating and drawing conclusions; oracy; literacy.

## Design & Technology

**Topics:** Identifying and investigating design possibilities; Design brief and specification; Generate ideas.

**Key knowledge:** Research linked to contextual challenge; impact of various issues caused by design and manufacture; purpose of criteria and specifications.

**Key skills:** Investigation; analysis; drawing skills; generating ideas.

## Computer Science

**Topics:** Systems architecture; Memory and storage; Systems software; Impacts of digital technology.

**Key knowledge:** CPU; Primary and secondary storage.

**Key skills:** Draw and explain the FE cycle; describing the purpose of the CPU.

## Photography

**Topics:** Fragments.

**Key knowledge:** Key photographers; how ideas are communicated.

**Key skills:** Analysing the work of others; presenting work creatively; visual communication.

## GCSE PE

**Topics:** Ethical and socio-cultural issues; Performance in Physical Education; Sports psychology; Practical.

**Key knowledge:** Ethics in sport; drugs in sport; violence in sport; skilful movement; goal-setting; mental preparation; guidance.

**Key skills:** Analysing and evaluating performance.

## English

**Topics:** Language paper 1 (explorations in creative reading and writing); Modern text (*An Inspector Calls* by J.B. Priestley); Unseen poetry.

**Key knowledge:** Narrative and descriptive writing; conventions of fiction texts; language techniques used for creative writing; distilling meaning in poetry; drama conventions; using context.

**Key skills:** Retrieval of evidence; language analysis; analysis of structure in an extract; writing using narrative voice; selecting and analysing quotes; oracy; evaluation and analysis of character constructs and themes.

**English language specification:**

<https://www.aqa.org.uk/subjects/english/gcse/english-language-8700/changes-for-2022>

**English literature specification:**

<https://www.aqa.org.uk/subjects/english/gcse/english-literature-8702>

## RE

**Topics:** Faith in Action Award.

**Key knowledge:** Understanding and encouraging living faith in the real world; Links between individuals, communities and organisations; How to work for the Good News and the common good.

**Key skills:** Apply and demonstrate religious values or teachings; demonstrate Gospel values, primarily serving others.



## Year 11 Curriculum overview Spring term

### Core PE

**Sports:** Handball; fitness; netball; football.

**Key knowledge:** Rules; positions; tactics; components of fitness; role of the umpire; set plays.

**Key skills:** Passing; dribbling; shooting; leadership; teamwork; safe use of gym equipment; adapting and varying training; application of rules; ball skills.

### PSHE

**Topics:** Families; Communication in relationships.

**Key ideas:** Different families; parental responsibilities; pregnancy; marriage and forced marriage; changing relationships; personal values; assertive communication; relationship challenges and abuse..

## Maths

**Topics (Foundation):** Algebra.

**Key knowledge (Foundation):** Quadratic graphs; reciprocals of fractions and integers; direct and indirect proportion; algebraic expressions.

**Key skills (Foundation):** Draw and interpret graphs of cubic functions; solve simultaneous equations; prove results using algebra.

**Higher tier:** Bespoke revision.

**Specification:**

<https://qualifications.pearson.com/en/qualifications/edexcel-gcses/mathematics-2015.html>

## Science

**Topics:** Chemical analysis; Waves; Atmosphere; Resources; Magnets and electromagnets.

**Key knowledge:** Analytical techniques; sound and light waves; EM spectrum; atmospheric changes; global warming; using chemical resources; magnetism; electromagnets; motors.

**Key skills:** Using analytical techniques; interpreting waves; calculating using formulae; sequencing key vocabulary.

**Biology specification:**

<https://filestore.aqa.org.uk/resources/biology/specifications/AQA-8461-SP-2016.PDF>

**Chemistry specification:**

<https://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-8462-SP-2016.PDF>

**Combined Science specification:**

<https://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF>

**Physics specification:**

<https://filestore.aqa.org.uk/resources/physics/specifications/AQA-8463-SP-2016.PDF>

## Spanish

**Topics:** Social and global issues; Technology in everyday life.

**Key knowledge:** Charities; poverty; climate change; impact of social media.

**Key skills:** Understanding and responding to different types of spoken and written language; communicating effectively in writing for a variety of purposes; communicating and interacting effectively in speech for a variety of purposes.

## French

**Topics:** Social and global issues; Technology in everyday life.

**Key knowledge:** Charities; poverty; climate change; impact of social media.

**Key skills:** Understanding and responding to different types of spoken and written language; communicating effectively in writing for a variety of purposes; communicating and interacting effectively in speech for a variety of purposes.

## Business Studies

Revision of Theme 1 and Theme 2, including retrieval practice and examination technique.

## Vocational Sport

**Topics:** Applying principles of personal training.

**Key knowledge:** Musculoskeletal system; cardiorespiratory system; effects of fitness training.

**Key skills:** Implementing a personal fitness training programme; reviewing a personal fitness training programme.

## History

**Topics:** Changes in health and medicine (c500 to the present).

**Key knowledge:** Public health over time; case study enquiry.

**Key skills:** Comparing sources; reliability of sources; describing specific developments; explaining significance; outlining change over time.



# Year 11 Curriculum overview Spring term

## Music

**Topics:** Music sequencing and production; Composing music.

**Key skills:** Creating a composition based on a set brief; creating a composition based on stimuli.

## Art

**Topics:** Decay; Reflection.

**Key knowledge:** How artwork and ideas are refined; how ideas are communicated.

**Key skills:** Critical analysis; developing design ideas; presentation skills; evaluation.

## Geography

**Topics:** Water security; Desertification.

**Key knowledge:** Water extraction and demand; challenges of managing water; causes of desertification; management of arid environments.

**Key skills:** Map skills; problem-solving; enquiry; analysis of data and graphs; evaluating and drawing conclusions.

## Design & Technology

**Topics:** Develop ideas; Realising design ideas: manufacturing; Analyse and evaluate forces and stresses on materials.

**Key knowledge:** Issues which impact on design and manufacture; different types of materials; planning for production; joining materials.

**Key skills:** Investigation; analysis; practical skills; modelling skills; CAD skills; realising intentions; test and evaluate outcomes.

## Computer Science

Revision of key themes in paper 1 and paper 2.

## Photography

**Topics:** Personal themed project.

**Key knowledge:** Camera-less photography; photographic processes.

**Key skills:** Experiment with and exploring techniques and processes; creating a final outcome.

## GCSE PE

**Topics:** Health, fitness and wellbeing; Performance in Physical Education.

**Key knowledge:** Physical, emotional and social wellbeing; diet and nutrition.

**Key skills:** Analysing and evaluating performance.



## **Year 11 Curriculum overview Summer term**

### **Review, revision and examinations**

In the summer term, Year 11 review their learning, revise and prepare for their GCSE examinations in May and June.