

What are students learning during Autumn Term 1?

English (AQA)

English Language Paper 2 - *Reading skills - interpretation and analysis; creative writing.*

English Literature Paper 2 - *Power and Conflict poetry - themes of war, suffering, power, identity; Unseen poetry*

Maths (Edexcel)

Higher Tier - *Further Statistics; equations and graphs; circle theorems; more algebra; vectors and geometric proof.*

Foundation Tier - *Multiplicative reasoning; bearings; quadratic equations and graphs; perimeter area and volume*

Combined Science (AQA)

1. Biology- Genetics and inheritance - *Sexual and asexual reproduction, meiosis, chromosomes, phenotype, genetic engineering, selective breeding.*

2. Chemistry - Analysis of solutions; reaction rates and equilibrium - *Water treatment, concentration of solution; Activation energy and collision theory, rate of chemical reactions.*

3. Physics - Waves 1; Electricity and Magnetism 3 - *Transverse and longitudinal waves, electromagnetic spectrum, gamma rays, X-rays and ultraviolet waves; Poles, fields.*

Separate Science - Biology (AQA)

Genetics and inheritance - *Sexual and asexual reproduction, meiosis, chromosomes, phenotype, genetic engineering, selective breeding, ethical implications.*

Separate Science - Chemistry (AQA)

Analysis of solutions; reaction rates and equilibrium - *Water treatment; Activation energy and collision theory, the effect of changing concentration/temperature/pressure on equilibrium.*

Separate Science - Physics (AQA)

Waves 1; Electricity and Magnetism 3 - *Transverse and longitudinal waves, electromagnetic spectrum, gamma rays, X-rays and ultraviolet waves; Poles, magnetic fields, movement.*

History (Edexcel)

Paper 2: Anglo-Saxon and Norman England 1060-1088- *Life in Anglo-Saxon England, rivals for the throne, the Battle of Hastings 1066, the Norman Conquest - establishing control, castles,, Anglo-Saxon resistance, Harrying of the North, life in Norman England, cultural changes.*

Geography (AQA)

Paper 2: Changing Economic World - *Development gap: Global variations in economy and quality of life. Case study - Nigeria, impact of rapid economic development*

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Religious Studies (Edexcel B)

Paper 2: Religion, Peace and Conflict (Christianity) - Living the Christian Life - *Christian worship, the sacraments, prayer, pilgrimage, celebrations, the future of the Church.*

French (AQA)

Town and Shopping - *Understanding adverts, describing your town, asking for and understanding directions, talking about clothes, your ideal home, visiting another place.*

Spanish (AQA)

Environmental Issues - *Natural wonders of Spanish-speaking countries, how you help in your community, climate change, actions to help with the environment.*

Art (AQA)

Unit 1 Portfolio - Extended Project: Illustration - *Illustration unit continued from Y10. Focus artists E.H. Shephard, Quentin Blake, Eric Carle, Hollie Chastain. Student created personal response to the brief.*

Photography (AQA)

Unit 1 Portfolio - Extended Project: Dreams and Nightmares - *Dreams and Nightmares unit continued from Y10, use of Surrealism, Dadaism and focus photographers to produce a personal response.*

Art & Design Graphic Communication (AQA)

Unit 1 Portfolio - Extended Project: Music - *Music unit continued from Y10, use of album covers designed by Peter Saville, Peter Blake and Barbara Kruger to produce a personal response.*

Music (Edexcel)

Instrumental Music from 1600 - 1850 - *Set work 1 - Bach; Set work 2 - Beethoven*
NEA: *Planning for Composition 1 and Solo Performance*

Drama (AQA)

Text in Performance: Extract 1 'Bouncers' - *Development of skills and knowledge such as communication of artistic intentions, physical theatre, propless, chorusing, canon, story telling.*

GCSE PE (OCR)

Paper 2: Socio-Cultural Influences - *Engagement patterns of different social groups in PA and sport, commercialisation, media, ethical issues/deviance. Health, fitness and well-being.*
Practical: *Analysing and Evaluation Performance Task - Coursework piece - 60 marks*

What are students learning during Autumn Term 1?

Business and Enterprise (Vocational Certificate NCFE)

Unit 5: Business Growth: *Internal growth, external growth, efficiencies and costs of business and enterprise expansion, challenges of growth.*

Health and Social Care (BTEC Edexcel)

Services and Values - *Care values, empowering and promoting independence by involving individuals in making choices, beliefs and identity, maintaining confidentiality, preserving dignity, safeguarding and duty of care, promoting anti-discriminatory practice.*

Computer Science (Edexcel)

Networking, Turtle Graphics, Embedded Systems. IoT and Networking - *Turtle introduction pens and lines, Turtle movement and coordinates, Turtle pen colour and filling. Embedded systems, The Internet of Things, packet switching, TCP IP and the OSI 4 Layer Model.*

iMedia (OCR)

Theory: Creative iMedia in the media Industry- *Purpose of media products, client requirements, audience segmentation, research methods, media codes and conventions, impact of codes, NEA: Interactive digital media, basics and principles, planning techniques, creation and editing*

Design & Technology (OCR)

Theory - *Different materials and their uses, using tools and equipment, specialist techniques.*
NEA Practical - *Working on design brief Strand 1 - Explore, researching existing product and design practices, outlining needs and wants of users and primary stakeholders.*

Hospitality (Vocational Certificate WJEC)

Coursework 2 (NEA): Hospitality and Catering in Action - *Understanding the brief and client needs, menu planning, time flows and workflow, environmental considerations.*

Physical Education – Girls and Boys CORE

Year 11's have the opportunity to opt for which activity they would like to do during their core PE lesson - *Football, badminton, volleyball, dodgeball, dance and fitness in the gym*

PSHE (Personal, Social, Health, Economic Education) CORE

Core Theme 6 - Staying Safe - *Live streaming, virtual reality, online gaming and gambling, gangs, antisocial behaviour, knife crime, drugs, festivals and parties, county lines, cosmetics and aesthetics*

**Non-examined Ethics units are also delivered through the PSHE curriculum*