

What are students learning during Spring Term II?

English (AQA)

English Literature Paper 1 - *19th Century Novel: 'Jekyll and Hyde'-historical context, themes*
English Literature Paper 2 - *Power and Conflict poetry - themes of conflict, suffering, war.*

Maths (Edexcel)

Graphs, Area and Volume, Transformations and Constructions, Equations and Inequalities, Probability (continued) - *Equations, gradient and intercepts, interpretation of graphs, quadratic graphs and equations, calculating area and volume of 2D and 3D shapes, simultaneous equations, Venn diagrams, probability problems.*

Combined Science (AQA)

Biology: Biotechnology/Evolution - *Anaerobic respiration, microorganisms in food production/ Natural selection, fossils*

Chemistry: Chemical Reactions - *Predictions, complex reactions, experimenting with chemical reactions*

Physics: Atomic Structure - *Radioactive sources, safety, unstable elements, nuclear decay, half life, Alpha Beta, Gamma*

Separate Science - Biology (AQA)

Biotechnology / Evolution - *(Anaerobic respiration, fermentation and industry, microorganisms in food production, mycoproteins, composting and methane gas, stem cells*

Separate Science - Chemistry (AQA)

Chemical Reactions (continued)- *Predictions, complex reactions - metal oxides and metal carbonates acid, complex reactions in living organisms, experimenting with chemical reactions.*

Separate Science - Physics (AQA)

Atomic structure; Forces Part 2 Continued - *Radioactive sources, safety, unstable elements, nuclear decay, half life, Alpha Beta, Gamma; Elasticity, pressure, energy transfer, speed, distance, time graphs, acceleration*

History (Edexcel)

Paper 3: The USA, 1954–75: conflict at home and abroad - *The Civil Rights Movement in the 1960s and 1970s - sit-ins and Freedom Riders, Martin Luther King, Selma and the Voting Rights Act, Malcolm X and Black Power, assassinations, riots and impact by 1975*

Geography (AQA)

Paper 1: Living with the physical environment (continued) - The Living World - *Ecosystems, tropical rainforests and deforestation, hot deserts - challenges*

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Religious Studies (Edexcel)

Paper 2: Christian Beliefs (continued) - *The Trinity, creation, incarnation, last days of Jesus' life, salvation, eschatology, the problem of evil, divergent solutions to the problem of evil*

French (AQA)

Module 4 - Healthy Living - *Describing and giving opinions about dishes, talking about meals and mealtimes, talking about good mental health, healthy lifestyle choices, discussing ways to improve life.*

Spanish (AQA)

Module 4 - Mi estilo de vida (My lifestyle) - *Learning about typical foods in Spanish-speaking countries, healthy living, mealtimes and food habits, old and new habits, health issues and wellbeing, practicing listening skills.*

Art (AQA)

Unit 1 Portfolio - Popular Culture (Continued) - *Popular Culture brief, focus artists Michael Craig Martin, Jim Dine, Robert Indiana, Peter Blake and Robert Rauschenberg.*

Photography (AQA)

Unit 1 Portfolio: The Devil is in the Detail (Continued) - *Research into the formal elements of art and photography, focus on Nick Albertson, David Gilliver, John Coplans, Mark Mawson and Dafna Talmor*

Art & Design Graphic Communication (AQA)

Unit 1 Portfolio: Typography (Continued) - *Typography brief, creation of student driven visual page, artist - Jasper Johns, graffiti - Banksy, road signs - Margaret Calvert, artist - Peter Blake*

Music (Edexcel)

General Musicianship and Composition (continued): *Area of Study 2 – Vocal Music- “Killer Queen” by Queen; Area of Study 4 - Fusion “Release” by Afro-Celt Sound System*

Drama (AQA)

Devising: Theatre in Education ‘Personal Development Curriculum’ - *Development of skills and knowledge such as blocking, narrating, transitions, epic theatre, fourth wall, hot seating.*

GCSE PE (OCR)

Paper 1: Physical Factors Affecting Performance (Continued) - *The cardiovascular system, vascular shunt, aerobic and anaerobic exercise. The respiratory system - effects of exercise.*
Practical: *Football and Netball*

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Business and Enterprise (Vocational Certificate NCFE)

Unit 4: Operations Growth and Finance - *Operations management, outsourcing, lean production, quality control, production methods, customer service.*

Health and Social Care (BTEC Edexcel)

Human Lifespan Development (Continued) - *Physical events affecting development - accident/injury, ill health, relationship changes, parenthood, bereavement. Changes to life circumstances, how individuals adapt, types of support.*

Computer Science (Edexcel)

04P – Operating Systems, their components and functionality – *Operating systems, file management, process management, peripherals and user management, utility software*

iMedia (Cambridge National OCR)

NEA - Coursework element - *Creating planning documents for a graphical product ie: logo. Students will create moodboards, mind maps, graphical mockups and creating the logo.*

Design & Technology (OCR)

Learning from existing products and practice (Continued) - *Explore and critique existing designs, systems and products, identify materials, components and processes, usability*

Hospitality (Vocational Certificate WJEC)

Working in the hospitality and catering industry (continued) - *The operation of the front and back of house, customer requirements in hospitality and catering, hospitality and catering provision to meet specific requirements.*

Physical Education – Girls CORE

Games - Netball OR Football - *Practice of core techniques and skills, rules, decision making*
PE - Fitness OR Team Games - *Performance of movement in isolation, developing sequence*

Physical Education – Boys CORE

Games - Rugby/Hockey OR Football/Handball- *Practice of core techniques and skills, rules, decision making*
PE - Badminton OR Basketball - *Performance of movement in isolation, developing sequence*

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

Core Theme 1: Health & Wellbeing (continued) - *Role models, leadership, addiction, self-harm, suicide, eating disorders.*

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