

What are students learning during Spring Term I?

English (AQA)

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

Maths (Edexcel)

Graphs, Area and Volume, Transformations and Constructions, Equations and Inequalities, Probability - *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)

1. Plants, animal health and respiration (Biology) - *Photosynthesis and the factors affecting it, respiration, lifestyle and health, immune system, vaccinations*
2. Structure and bonding, chemical reactions (Chemistry) - *Three types of bonding, structures and allotropes of carbon. Reactions of acids, reacting mass calculations and energy changes.*
3. Energy and particles 2, Electricity and Magnetism 2 (Physics) - *Specific heat capacity, specific latent heat and energy stores. Resistance, circuits, domestic uses and safety.*

Separate Science - Biology (AQA)

Plants, animal health and respiration - (*In addition to the Combined Science content*) Factors limiting photosynthesis, variables and inverse proportionality, nitrates, monoclonal antibodies.

Separate Science - Chemistry (AQA)

Structure and bonding, chemical reactions - *Three types of bonding, structures and allotropes of carbon, reacting mass calculations, energy changes, exothermic and endothermic reactions.*

Separate Science - Physics (AQA)

Energy and particles 2, electricity and magnetism 2 - *Specific heat capacity, specific latent heat and energy stores. Resistance, circuits, domestic uses and safety, electric fields and the forces exerted by objects placed into an electric field.*

History (Edexcel)

Paper 3: The USA, 1954–75: conflict at home and abroad - *The position of Black Americans in the early 1950s - segregation, discrimination, civil rights organisations, progress in education, the Montgomery Bus Boycott, opposition to civil rights.*

Geography (AQA)

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

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Religious Studies (Edexcel)

Paper 2: Christian Beliefs - *The Trinity, creation, incarnation, last days of Jesus' life, salvation, eschatology, the problem of evil.*

French (AQA)

Module 3 - School life - *School life in Francophone countries, subjects, achievements, school in the past.*

Spanish (AQA)

Module 3 - Mi gente, mi mundo (My people, my world) - *Different families, describing people, famous celebrities, use of social media, friendships and relationships, discussing future plans, what matters to you.*

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)

Area of Study 2 – Vocal Music- “Music for a While” by Henry Purcell

NEA - Theory and General Musicianship 3

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 3: Human Resources - *Methods of recruitment, stages of recruitment, employment contracts, staff development and monitoring, theories of motivation.*

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)

02CT – Programming Fundamentals – *Input processing output selection, for loops, selection IF THEN ELIF*

iMedia (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)

Principles of Design and Technology (Continued) - *Engineering Unit - Lamp manufacture. Usability when designing prototypes*

Hospitality (Vocational Certificate WJEC)

Working in the hospitality and catering industry - *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 - *Role models, leadership, addiction, self-harm, suicide, eating disorders.*

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