

What are students learning during Autumn Term II?

English (AQA)

English Literature Paper 2 - *Modern Drama: 'An Inspector Calls'*- context, characters & themes
English Language Paper 1 - *Reading - interpretation and analysis; Writing - creative writing*

Maths (Edexcel)

Number; Algebra; Interpreting and representing data; Fractions ratios and percentages; Angles and trigonometry (Continued) - *Using powers and roots in calculations; finding the nth term; plot, interpret and predict using a variety of graphs and tables; converting between currencies and measures; using trigonometric ratios to solve 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 2: Superpower Relations and the Cold War, 1941 - 91 - *Detente in the 1970s, the Soviet invasion of Afghanistan 1979, Reagan and the 'Second Cold War', Gorbachev's New Thinking, the fall of the Berlin Wall, the end of the Warsaw Pact and the collapse of the USSR 1991*

Geography (AQA)

Paper 1: Natural Hazards (Continued) - *Tectonics: Earthquakes, volcanic eruptions, responses in a LIC and a HIC, weather patterns and climate, tropical storms, UK extreme weather.*

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Religious Studies (Edexcel)

Paper 1: Islam - Marriage and the Family - *Significance of marriage, teachings about sexual relationships, family life, community support, contraception, divorce and remarriage, roles of men and women, gender prejudice*

French (AQA)

Module 2 – Family and Relationships - *Talking about your identity, discussing friends and friendship, talking about weekend routines, describing a favourite celebrity.*

Spanish (AQA)

Module 2 - Viajes (Trips) - *Talking about travel plans and travel routes, describing a photo, festivals in the Spanish speaking world, talking about your last vacation, giving opinions about past experiences*

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 3 – Music for Stage and Screen - Set work 1 “Defying Gravity” Schwarz - *Stephen Schwartz, background to Wicked, use of Leitmotif, analysis of Defying Gravity*

Drama (AQA)

Devising: Characterisation and Skills of the Actor (Continued) - *Development of skills and knowledge such as devising, dynamics, interaction, improvisation, gait, pastiche and caricature.*

GCSE PE (OCR)

Paper 1: Physical Factors Affecting Performance (Continued) - *Skeletal, Muscular and Cardiovascular Systems, movement analysis preventing injury*
Practical: Principles of Training - *FITT and SPOR*

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Business and Enterprise (Vocational Certificate NCFE)

Unit 2: Marketing - *Primary and secondary market research, data and market types, business orientation types, marketing mix, price, place and promotion, product life cycle, branding*

Health and Social Care (BTEC Edexcel)

Human Lifespan Development (Continued) - *Factors affecting an individual's development e.g. genetic inheritance, illness and disease, diet and lifestyle choices, culture, religion, education*

Computer Science (Edexcel)

03P – Stored program concept (Von Neumann) and how computers work – *Stored program concept (Von Neumann), fetch decode execute Von Neumann, CPU terminology, secondary storage sizes*

iMedia (OCR)

Visual Identity and Digital Graphics - *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) - *Design thinking and communication; design prototypes; materials and properties, desk tidy project.*

Hospitality (Vocational Certificate WJEC)

Food safety and food related causes of ill health - *Knowledge of allergies, bacteria and intolerances, food poisoning e.g. e-coli and salmonella, food labelling laws, safety legislation, measures to prevent contamination*

Physical Education – Girls CORE

Games - Netball OR Hockey - *Practice of core techniques and skills, rules, decision making*
PE - Badminton OR Dance - *Performance of movement in isolation, developing sequence*

Physical Education – Boys CORE

Games - Rugby OR Hockey - *Practice of core techniques and skills, rules, decision making*
PE - Gymnastics OR Fitness - *Performance of movement in isolation, developing sequence*

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

Core Theme 2: Relationships and Sex Education (RSE) - *Sex, positive relationships, unhealthy relationships, domestic violence and rape, teenage pregnancy and abortion, parenting, pornography (myths vs reality)*

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