Year 10

Wolfreton SCHOOL AND SIXTH FORM COLLEGE

THE CONSORTIUM ACADEMY TRUST

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)
Higher Tier - *Number; algebra; interpreting and representing data; fractions, ratio and percentages; angles and trigonometry continued*
Foundation Tier - *Number; algebra; graphs, tables and charts; fractions, decimals and percentages; equations, inequalities and sequences continued*

Combined Science (AQA)
1. Biology - Plants; Animal health and respiration cont. - *Photosynthesis and the factors affecting it, respiration, lifestyle and health, immune system, vaccinations*
2. Chemistry - Chemical reactions cont. - *Reactions of acids, new materials and processes, the pH scale, reacting mass calculations and energy changes.*
3. Physics - Energy and particles 2; Electricity and Magnetism 2 cont. - *Specific heat capacity, specific latent heat and energy stores. Resistance, circuits, domestic uses and safety.*

Separate Science - Biology (AQA)
Plants; Animal health and respiration cont. - *Photosynthesis, the factors limiting it, respiration, lifestyle, immune system, vaccinations. Plant defence responses, monoclonal antibodies.*

Separate Science - Chemistry (AQA)
Structure and bonding; Chemical reactions cont - *Three types of bonding, structures, allotropes of carbon, nanoparticles. Reactions of acids, reacting mass calculations, energy changes.*

Separate Science - Physics (AQA)
Energy and particles 2; Electricity and magnetism 2 cont - *Specific heat capacity, specific latent heat and energy stores. Resistance, circuits, domestic uses and safety.*

History (Edexcel)
Paper 2: Anglo-Saxon and Norman England 1060-1088 Continued- *William I securing power in England after 1066 and the Normanisation of England - landownership, the feudal system, changes to the Church, the Domesday Book, cultural changes, problems with succession.*

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

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Religious Studies (Edexcel B)
Paper 1: Religion and Ethics (Christianity) - Marriage and the Family - *Christian teachings about the significance of marriage, sexual relationships, family life, contraception, divorce and remarriage, the roles of men and women, gender prejudice and discrimination.*

French (AQA)
Family and Relationships - *Talking about your identity, discussing friends and friendship, talking about weekend routines, describing a favourite celebrity.*

Spanish (AQA)
Viajes (Trips) - *Talking about travel plans and travel routes, describing a photo, festivals in the Spanish speaking world, talking about your last vacation, 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: Devil in the Detail Continued - *Research into the formal elements of art and photography, Nick Albertson, David Gilliver, John Coplans, Mark Mawson, Dafna Talmor*

Music (Edexcel)
Set Works **-** *Music for stage and screen 'Defying Gravity'; Vocal music 'Music for a While' and 'Killer Queen'; Fusion music 'Release' and 'Samba Em Preludio'*

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.*

Performing Arts - Dance (BTEC Award - Pearson)
Developing Skills and Techniques - *Rehearse and learn and existing piece of choreography, perform the piece, review skills and evaluate a recorded performance.*

GCSE PE (OCR)
Paper 1: Physical Factors Affecting Performance - *Skeletal, Muscular and Cardiovascular Systems, movement analysis.*
Practical: *Formal fitness testing protocols for all students*
AEP Launch (December) - *Students officially select their forus sport and write Sections 1 and 2*

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Business and Enterprise (Vocational Certificate NCFE)
Unit 1: Entrepreneurship Marketing- *Market research, primary and secondary, data types, market types, marketing mix - price, place, promotion, product, innovation, branding.*

Health and Social Care (BTEC Edexcel)
Human Lifespan Development Cont- *Physical, intellectual, emotional and social development across the human lifespan, and the factors affecting development and the effects of ageing.*

Computer Science (Edexcel)
Introduction to Computer Programming - *Hello World and Print, decomposition and sequencing*
Stored program concept (Von Neumann) and how computers work – *Stored program concept, fetch decode execute Von Neumann, CPU terminology, secondary storage sizes*

iMedia (OCR)
Visual Identity and Digital Graphics Cont - *Visual identity basics, graphic design principles, technical properties and assets, planning techniques, creation and editing, product creation.*

Design & Technology (OCR)
Principles of Design and Technology - *Design solution communication, graphical techniques, 2D and 3D sketches, digital technologies and design tools, timbers and polymers properties.*

Hospitality and Catering (Vocational Certificate WJEC)
Health and Safety in Hospitality and Catering Provision Cont - *Control of Substances Hazardous to Health Regulations (COSHH) 2002, Health and Safety at Work Act 1974, reporting of injuries, accident forms, risk assessments, training, allergies, bacteria, labelling.*

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 PSHE*