



Half Term 4 Subject Overviews: What your child has been learning this half term

Head of year: Mr C Pattinson

Y13

| English Language | English Literature | Maths (Pure) | Maths (Applied) | Biology | Chemistry | Physics | Applied Science | Geography | History |
|---|--|---|--|---|---|---|--|---|---|
| <ul style="list-style-type: none"> Non-examined assessment: Language Investigation Preparation for Paper 2: Language, Diversity & Change | <ul style="list-style-type: none"> Othello NEA coursework component How playwrights use dramatic forms to shape meaning in drama texts and evoke audience responses Making connections between a range of literary texts and exploring relationships between texts | <ul style="list-style-type: none"> Integration of standard functions Integration of rational functions leading to natural logarithms Reverse Chain Rule Integration using trig identities Integration by parts Integration of algebraic fractions Area under a curve Trapezium rule General and particular solution of first order differential equations | <ul style="list-style-type: none"> Equilibrium Concurrent forces Resultant force Newtons Second Law Equation of motion for a particle Equations for connected particles | <ul style="list-style-type: none"> Environment and genetic factors in phenotypic variation Sexual reproduction leading to variation Linkage & epistasis Monohybrid & dihybrid crosses Genetic bottlenecks Factors affecting evolution Allele frequencies Artificial selection Biotic and abiotic Nitrogen cycle Carbon cycle Conservation Managing ecosystems | <ul style="list-style-type: none"> Electron configuration of period 4 Transition elements Ligands Complex ions Coordination numbers Stereoisomerism Amides Optical isomerism Chiral centres Condensation polymerisation Acid-base hydrolysis Qualitative analysis of functional groups Carbon 13 NMR High resolution proton NMR | <ul style="list-style-type: none"> Particle interactions The particle zoo Particles and forces Particle reactions Nuclear radiation Rate of radioactive decay Fission and fusion Nuclear power stations | <ul style="list-style-type: none"> Unit 16 coursework (assignment B) Unit 16 coursework (assignment C) | <ul style="list-style-type: none"> Completion of fieldwork Revision of physical geography Revision of human topics | Personal study <ul style="list-style-type: none"> Analyse and evaluate the key features related to the periods studied, making judgements and exploring concepts of cause, consequence, change, continuity, similarity, difference and significance Source materials Different ways in which aspects of the past have been interpreted |
| Mr Bird | | Miss Wright | | Mrs Poddington | | | Mrs Bradley | | Mr Rainsley |
| Art | Photography | CAMB TECH PE | ICT | RE | French | Personal Development | Music | Health & Social Care (Single) | Health & Social Care (Double) |
| <ul style="list-style-type: none"> Exam set assignment: Component Two Subject specific skills are bespoke to the student but are built on skills learnt at GCSE and through the first two projects Photoshop is used throughout the projects | <ul style="list-style-type: none"> Exam set assignment: Component Two Subject specific skills are bespoke to the student but are built on skills learnt at GCSE and through the first two projects Photoshop is used throughout the projects | <ul style="list-style-type: none"> Sporting initiatives Funding & investment Target areas Target audiences Social needs Funding & investment Financial gain Promotion methods Goal setting Differentiations Sequencing Instructional balance Resource planning Mental capabilities Applying skills, techniques & tactics to an individual sport and a team sport | <ul style="list-style-type: none"> Where information is held globally Use of global information and the benefits to individuals and organisations Legal and regulatory framework governing the storage and use of global information 3.1 Data versus information Categories of information used by individuals Categories of information used by organisations | <ul style="list-style-type: none"> The apophatic way The cataphatic way Symbol The development of contemporary multi-faith societies Christian responses to inter-faith dialogue & the scriptural reasoning movement | <ul style="list-style-type: none"> The treatment of Jews in occupied France Everyday life in occupied France and reprisals after the war Marshal Petain & life in Vichy France The role propaganda in the Revolution The impact of policies and the fate of Petain Resistance movements in France The role of Jean Moulin & the women of the resistance The Free French & General de Gaulle | <ul style="list-style-type: none"> Culture wars Media influence Callout culture Cultural appropriation Tolerating Intolerance Online subcultures Extremism | <ul style="list-style-type: none"> Performance - Non-Examined Assessment Composition: Workshop with an external composer Development of understanding of Bebop and Cool Jazz. Extended writing across a range of areas related to the style. | <ul style="list-style-type: none"> Types & signs of abuse Factors which may lead to abuse Guidance and legislation Dealing with suspected abuse Strategies and procedures to safeguard children and adults Minimising the risk of abuse | <ul style="list-style-type: none"> Methods to implement a person-centred approach Plan & conduct review meetings Dealing with suspected abuse and disclosures of abuse Working strategies & procedures for the safeguarding of adults, young people & children Minimising the risk of abuse |
| Miss Norman | | Mr Smith | | Ms Cooper | | Miss Holliday | | Mrs Fisher | |