



Half Term 3 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"> Locating roots of functions Approximate solutions using iterative Newton-Raphson method 3D coordinates 3D vectors Finding angles between 3D vectors Integration by parts Integration of algebraic fractions Cartesian & Parametric form Trapezium rule 	<ul style="list-style-type: none"> Vectors for displacement, velocity and acceleration Calculus with harder functions Revision of previous learning 	<ul style="list-style-type: none"> Gene mutations Regulating gene expression Genetic control Mitosis & apoptosis Cloning plants Micropropagation Cloning animals Microorganisms in biotechnological processes Microorganisms in human food production Aseptic techniques Growth curves 	<ul style="list-style-type: none"> Buffer solutions Controlling blood pH Titration curves Redox titrations Standard electrode potentials Measuring cell potentials Cell potentials Electrode potentials Fuel cells Basicity of amines Aliphatic amines Aromatic amines Amino acids 	<ul style="list-style-type: none"> A nuclear atom Electrons from atoms Particle accelerators Particle detectors The Large Hadron Collider Gravitational forces Gravitational fields 	<ul style="list-style-type: none"> Energy in candle wax Unit 16 coursework assignment B & 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 Which ways in different 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"> Student led project Personal portfolio Drawing Analysis of context Proportion Observation Colour theory Composition Mixed media Use of photoshop Typography Graphic design Exam set assignment 	<ul style="list-style-type: none"> Student led project Personal portfolio Analysis of context Proportion Observation Colour theory Composition Mixed media Use of photoshop Typography Graphic design Exam set assignment 	<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"> How information is held globally & transmitted Legal & regulatory framework Process flow of information Holders of information Information styles & their uses Information classification 	<ul style="list-style-type: none"> Developments in the understanding of omnipotence, omniscience & omnibenevolence The development of contemporary multi-faith societies Christian responses to inter-faith dialogue Christian responses to 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"> Critical thinking skill Free speech v Hate speech Social justice Honour based violence Feminism Consent Climate change Toxic & positive masculinity Emotional wellbeing Drugs, festivals & parties Sexual health Healthy diets, BMI, obesity 	<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"> Person-centred approaches to build positive relationships Effective communication Roles & responsibilities in health, safety & security Responding to incidents Musculoskeletal system Control & regulatory system Nutritional & diet guidelines Functions of nutrients 	<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	Mr Machard	Miss Holliday	Mr Newton	Mrs Fisher	