

Curriculum Overview

Academic Year: **2010 - 2011**

Year: **11**



Subject	Term 1	Term 2	Term 3
English	Media (Advertising) Exploration of persuasive writing techniques, use of images, stereotyping, lifestyle, range of delivery, local and global. Decoding adverts comparing, contrasting. AS3 Response to a text.	Revision preparation for exam. Reading of variety of texts. Study of character, content and theme. A look at stylistic devices. Summary skills. Oral work - debates and classroom discussion. Directed reading and writing.	Revision leading to the final exams using past papers and exam techniques.
Literature	Continuation of study of set Drama text for IGCSE. Reading set novel and revision of set poems for IGCSE. Essay skills using assessment objectives. Using quotations/PEE paragraphs. Redrafting coursework assignments.	Revision of set novel and set Drama text. Complete revision of poetry. Essay writing - vocabulary, content and setting out. Analysing of various questions. Empathy, contextual and discursive.	Revision leading to the final exams using past papers and exam techniques.
Mathematics	Similarity and congruence. Solve various equations include simultaneous equations, trigonometry, bearings, angle properties, geometrical terms and relationships; statistics and transformations.	Vectors & matrices and their applications. Linear programming. A comprehensive revision programme followed by Mock examinations. The revision programme will continue after the Mock exams to prepare the students for the final exams.	Revision leading to the final exams using past papers and exam techniques.
Physics	Reflection, refraction of light and calculation of refractive index and critical angle. Lenses, dispersion of light and Electromagnet Spectrum. Magnetism and Electricity. Electromagnetism.	Mock exams. Electromagnetic induction, AC generators, transformers, and DC motors. Cathode ray Oscilloscopes and digital electronics. Radioactivity and applications of radiations.	The nuclear atom and the atomic model. General revision and Final Exams
Chemistry	Carbonates and production of lime. Identification of ions. The periodic table of elements. Extraction and uses of metals. Air and the Production of Ammonia and Sulphuric acid. Carbonates.	Mock exams. Organic Chemistry; fuels and hydrocarbons. Alcohols and Organic acids Acids. Macromolecules: synthetic and natural Polymers, Hydrolysis reactions, Saponification.	Practical skills and General revision. Final exams
ICT	Data types, System Analysis and Design (Research, Analysis, and Design & Implementation of IT project). Data manipulation, Data Analysis. Website Authoring.	Effects of using information and communication technology, Email, Document Production, Data Manipulation, Integration, Data Analysis, Website Authoring, Presentation Authoring. Flowcharts & use in programming. Using 'Win logo', students create their own simple programmes. Preparation for IGCSE examinations.	ICT theory work revised



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History	Completion of the Second World War-its causes and the failed policy of appeasement. Origins and course of the Cold War specific focus on the spread of communism, Russian control over Eastern Europe. In-depth studies of Vietnam, Korea and the Cuban Missile Crisis.	The collapse of the Soviet Union and the reasons behind it. The effectiveness of the United Nations Organisation. In depth studies of Korea and the Congo and the UN dealings in both these cases. Preparation for the IGSCCE examinations.	Revision leading to the final exams using past papers and stressing exam techniques. Emphasis on a “one to one” consultation process.
Geography	Focus on the structure, landforms and landscape processes especially in the origin, characteristics & broad distribution of seismic & volcanic activity. Weathering, river, glacial and marine processes are at the core of the work. Climatic studies with ‘hands-on’ experience – observing, recording, analysing & presenting data.	Environmental risks & benefits: strategies in resource conservation & management. Alternative to coursework – practical skills . Revision programme of all major topics studied.	Revision programme continued with emphasis on a ‘one – to – one’ consultation process, reviewing past exam papers.
Biology	Hormones: insulin and adrenalin. Tropic and tactic responses. ‘Coordination and response’ - detect and respond to internal and external stimuli. ‘Reproduction in Plants & Animals’. In ‘Organisms in their environment’ ecosystem and feeding relationships within community is considered.	‘Inheritance’ – idea of genetics, effects of heredity, environment & inherited nature of some human conditions. Importance of natural selection & problems of antibiotic resistance in bacteria is considered through ‘evolution’	Revision: Topic tests and past exam papers
Art	Extensive exploration of tonal values and surface qualities. Emphasized practice of rendering of various forms e.g. portraits, human figure, still life (natural forms and man made forms)by use of a wide range of media. Interpretation of chosen themes and design work Coursework-movement and Natural forms or any other.	Mock examination. Observe, represent and interpret various themes more maturely. Make several studies of objects and experiment with a variety of art material. IGCSE preparations	Final IGCSE preparations.
French	Vocabulary, verbs, grammar, Personal and social life, Everyday activities, The world around us, Everyday activities, The world of work, Communicating and writing letters, The international world, Everyday activities, Pocket money, Reading, speaking, listening and writing skills developed.	Vocabulary, verbs, grammar, listening, reading, writing, speaking skills worked on. Mock exams in January. Past papers for practice. IGCSE Speaking Exam (Paper 3) in March.	Revisions and past papers



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Physical Education	Volleyball: serving, receiving and digging skills, tactical play, basketball positioning, tactical play, officiating. Swimming: refinement of strokes. Introduction of fitness- stamina, strength, speed, muscular endurance, heart rate.	Introduction of fitness: stamina, strength, speed, muscular endurance, heart rate. Netball: tactical play, pivoting, offensive and defensive, passing and dodging skills. Soccer and Cross-country.	Introduction of fitness: stamina, strength, speed, muscular endurance, heart rate. Hockey: advanced control skills, development of positional and tactical play, set pieces. Athletics: sprinting relay technique, long jump and high jump shot, discus and javelin.
Business Studies	Students cover the topics 'Business Finance' and 'The Changing Business Environment'. During this term they also complete their Course Work.	Students revise all subject areas, and they practise exam techniques.	Revision leading to the final exams using past papers and exam techniques.
Personal, Social and Health Education	A course designed to teach a variety of topics that are linked directly to the student's particular needs during the year. Pupils are taught study techniques and information about school life to enable them to focus on their IGCSE examinations. They look at health related topics and social issues as well as gaining an insight into world religions and the concept of global citizenship. Year 11 students also attend a series of lectures and visits informing them about the various options open to them for Post 16 education.		

