

YEAR 10

Dear Parents and Carers,

This is an overview of the topics that your child will be studying in the second half term of Year 10 (November and December). If you have any queries about a subject, please contact the Curriculum Directors of each faculty (contact information below).

Subject	The topics that your child will be studying	An outline of the course over the half term
Maths	Foundation: Algebra Essentials Crossover: Number Essentials Higher: Proportion and Rates of Change	<i>Foundation: Simplifying expressions and solving linear equations.</i> <i>Cross-Over: Ratio and proportional reasoning.</i> <i>Higher: Compound measures including mass, density, volume and speed, distance, time. Reverse percentages.</i>
English	A Christmas Carol	<i>GCSE study of this core literature text and essay writing skills.</i>
Science		
Geography	Hot Deserts	<i>Students will continue their GCSE course by studying key physical characteristics of hot deserts. Issues of interdependence and biodiversity in hot deserts are considered before exploring how plants and animals are adapted to the conditions. The Thar Desert is investigated with a focus on the opportunities, challenges, risks and sustainable management.</i>
History	Medicine in Britain (Paper 1) Pearson Edexcel.	<i>Students study the British sector of the Western Front during World War I.</i> <i>Key Topic 5 - The British sector of the Western Front, 1914–18: injuries, treatment and the trenches.</i>
Religious Education	Peace and Conflict – Paper 2	<i>Students will study religious views on issues such as: violence, violent protest, reasons for war, nuclear weapons, just war, holy war, pacifism, and how religious people help victims of war.</i>
German	Unit 3 – Education and work	<i>Students will study the topic of education and school, giving their opinions about their school studies and look ahead to what jobs they would like to do when they leave school.</i> <i>They will go over grammar including the perfect, imperfect and conditional tenses as well as relative clauses.</i>
Sport Studies (GCSE PE)	Applied anatomy and physiology – Paper 1: The human body and movement in physical activity and sport Component 3 Practical Performance- Handball	<i>Students will study the Structure and function of the Heart, Cardiac cycle (pathway of blood), mechanics of breathing and short term and long term effects of exercise.</i> <i>Students will demonstrate skills and techniques in Handball.</i>
Art	Natural forms	<i>In this project students will be introduced to GCSE art and begin coursework. Their first project will last until February half-term. In this project students will focus on the theme of natural forms. In this project they will learn a variety of skills and techniques which will improve their independence and confidence.</i>

Drama	Component 1 and 2	Year 10 will continue to investigate the staging of set text <i>Noughts and Crosses</i> whilst in parallel learning a range of devising theatre techniques.
Music	Music Topic 3 Composing, Performing and Theory.	Students will explore compositional devices and their uses; students will continue work on the free brief composition. They will also develop performance skills through developing solo and ensemble pieces. In Theory, students will study Area of Study 4- Popular music.
Creative Media (IT)	Visual Identity and Digital Graphics	This half term the focus will solely be on completion of the RO94 - Visual Identity and Digital Graphics unit. This will look to assess all the skills they have developed over the previous term. In their assessment they will design, justify, and develop their own designs to fulfil an unseen brief.
Design and Technology	Developments in new materials Systems approach to designing The work of others	Developments in new materials learners should be aware of developments in new materials. Modern materials, smart materials, composite materials, technical textiles. Systems approach to designing. Inputs, processes, outputs The work of others learners should investigate, analyse and evaluate the work of past and present designers and companies to inform their own designing How to select and use specialist tools and equipment, including hand tools, machinery, digital design and manufacture, appropriate for the material and/or task to complete quality outcomes. How to use them safely to protect themselves and others from harm. How to select and use specialist techniques and processes appropriate for the material and/or task and use them to the required level of accuracy in order to complete quality outcomes.
Hospitality and Catering	Different types of health and safety Nutrition	Students are going to continue looking at the structure of the hospitality and catering industry with a focus on the different types of jobs and the environments / conditions in which they work in. They will continue to explore nutrition, with a focus on how cooking methods can impact on nutritional values. They will also undertake several practical lessons that will involve high skill dishes to develop their skills. Students will explore the factors that contribute to the success of the hospitality and catering industry. They will also be introduced to the health and safety aspects of the hospitality and catering industry including the laws and responsibilities of food handlers. They will also undertake several practical lessons that will involve high skill dishes to develop their skills.
Enterprise	Learning outcome B: Understand customer needs and competitor behaviour through market research	Learners will explore the market research methods used by enterprises and their importance in understanding customer needs and competitor behaviour.
Health and Social Care	Component 1 Learning aim B – Life events	Component 1 Learning aim B – Life events Students will be looking at events that are expected and unexpected in people lives and the impact that this has on the development of a person in any given life stage. Students will also be looking at life circumstances,

		<i>which are beyond our control and how they can impact on our development.</i>
Core Physical Education (non-exam)	<p>Students will be studying a Mastery Curriculum developing Motor Competence, rules strategies tactics and healthy participation, building upon their KS3 knowledge.</p> <p>Students Study : Basketball, Badminton, Invasion games, Fitness,</p>	<p><i>Basketball – Shooting, Passing, Dribbling and Attacking/Defensive tactics, Rules, Strategies and Tactics</i></p> <p><i>Badminton - Stance and Movement, Serve, Forehand/Backhand, Rules, Strategies and Tactics</i></p> <p><i>Invasion games - Passing and receiving, Movement, Shooting and Defending, Rules, Strategies and Tactics</i></p> <p><i>Fitness - How to lead a Health active lifestyle</i></p>

Curriculum Directors

Faculties	Subjects	Curriculum Directors
Communications	<i>English and Modern Foreign Languages</i>	Mrs Spalding: kspalding@oiea.co.uk
Mathematics and IT	<i>Mathematics and IT</i>	Mrs Magill: amagill@oiea.co.uk Mr Cotton: ocotton@oiea.co.uk
Science and Sport	<i>Science, Core PE</i>	Mr Cross: scross@oiea.co.uk
Humanities	<i>Geography, History and RE</i>	Mr Wyke: pwvyke@oiea.co.uk
Creative	<i>Art, DT, Food, Drama, Music</i>	Mr Underhill: bunderhill@oiea.co.uk

Yours faithfully

Mr R Siddons

Assistant Principal – Quality of Education