

YEAR 9

Dear Parents and Carers,

This is an overview of the topics that your child will be studying in the final half term of Year 9 (June and July). 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 this half term
Maths	Non-calculator methods; Types of Number and sequences; Indices and roots	<ul style="list-style-type: none"> • Non calculator methods – including surds and limits of accuracy. • Types of number and Sequences – including finding the nth term of a sequence. • Indices and roots – including the use of fractional and negative indices
English	Life in Poetry	Students will experience a range of poetic styles and movements whilst learning key skills of annotation, composition, and analysis.
Science	Atoms and the Periodic Table; Energy and the Particle Model; Microscopy; Transporting Substances; Bonding, Structure and Materials.	<ul style="list-style-type: none"> • Atoms and the Periodic Table: Explores the structure of atoms and their arrangement in the periodic table of elements. • Energy and the Particle Model: Examines the relationship between energy and the behaviour of particles in matter. • Microscopy: Investigates the principles and applications of microscopy in magnifying and studying small objects or organisms. • Transporting Substances: Explores the mechanisms by which substances are transported within organisms or across cell membranes. • Bonding, Structure, and Materials: Studies the types of chemical bonding, the arrangement of atoms in materials, and their properties.
Geography	Future of Planet Earth; Geographical Issues Enquiry	<ul style="list-style-type: none"> • Future of Planet Earth – What are the risks & how can these be managed? • Geographical issues enquiry
History	The Cold War - What were the key moments of the Cold War?	The final topic at Key Stage 3 focuses on key moments of the Cold War including the Iron Curtain, Berlin Wall and Cuban Missile Crisis.
Religious Education	What are different views on death?	Students will study non-religious views on life after death and humanist views on death.
German	Unit 4 – Festivals	<ul style="list-style-type: none"> • Students will explore key festivals and traditions in German-speaking countries. • Grammar - Adjectival agreements, and the continued development of three tenses (present, past and future).
Physical Education	Basketball, Badminton, Football and OAA	Students will be studying a Mastery Curriculum developing Motor Competence, rules strategies tactics and healthy participation, building upon their Year 7 knowledge.

Drama and Dance	Staging Shakespeare	Bringing Shakespeare to life. Acting and designing key scenes from Macbeth. Linking to the English curriculum and set texts for GCSE English
Music	Popular Song- Music Technology Electronic Dance Music	Students explore EDM and use their knowledge of song structure, composition devices to create a piece of EDM.
Art	Continuation of the 'Beauty of the Sea' project	Students continue with their 'Beauty of the Sea' project in which they explore a range of materials and processes linked to the sea and work in the style of the artists Ernst Haeckel, Yellena James, and Courtney Mattison.
IT	Digital iMedia	- This teaches students how pre-production documents are used to plan digital products, how purpose and audience can impact the development of products, hardware, and software for development along with legislation.
Design and technology	Desk tidy	Building upon the knowledge and experience gained in previous years, students will investigate and solve the problem to a messy desk by designing and making their own desk tidy. <i>Please note that this is on a rotation and students study this at various times in the year, depending on which class they are in.</i>
Design and Technology (Graphics)	Architecture	Students will look at what Architecture is while designing their own building suitable for the brief they will use a variety of graphic design skills like hand draw sketches, CAD and CAM <i>Please note that this is on a rotation and students study this at various times in the year, depending on which class they are in.</i>
Food	World Food Project	Students will study at food around the world, focus on the sensory aspects of the foods, religion and cultures influence on food. develop a range of skills making: Welsh Cakes, Spring Rolls, Enchiladas, Tiramisu and Vegetable Curry. <i>Please note that this is on a rotation and students' study this at various times in the year, depending on which class they are in.</i>

Curriculum Directors:

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

Kind regards,

Oliver Forster

Vice Principal – Quality of Education