

**YEAR 9**

Dear Parents and Carers,

This is an overview of the topics that your child will be studying in the second half term of Year 9 (November and December). If you have any queries about a subject, please contact the Curriculum Directors of each faculty (contact information below).

<b>Subject</b>	<b>The topics that your child will be studying</b>	<b>An outline of the course over the half term</b>
<b>Maths</b>	<b>Using Formulae</b>	<i>This will include substitution of integers, decimals and negatives into expressions and formulae. Using formulae to find speed, distance and time and the skills needed to rearrange formulae.</i>
<b>English</b>	<b>Rhetoric in Dystopian Literature</b>	<i>Students will study 'Animal Farm' as they delve into the world of dystopian texts. Alongside this, they will learn how rhetoric has a place in this genre and how rhetoric can be used to manipulate and persuade, using real-life political speeches as inspiration.</i>
<b>Science</b>	<b>Animal Cells The Atom</b>	<i>Examines the structure, function, and organization of cells in animals, the basic units of life. Delves into the fundamental building blocks of matter, consisting of protons, neutrons, and electrons.</i>
<b>Geography</b>	<b>Future of Planet Earth – 'What is the Future of Planet Earth?'</b>	<i>This unit explores the future of planet earth. Students will begin by studying how some countries may become fully digitised due to rising sea levels meaning they lose their land. We then explore how Antarctica can be preserved, global superpowers, the rise of fast fashion, can we ever achieve zero global poverty and why the Galapagos Giant Tortoise is under threat.</i>
<b>History</b>	<b>Women Through Time – How did the role of women change between 1250 and the present day?</b>	<i>Students will continue to study Women Through Time, assessing why these changes came about and the impact on society that they had. This leads students to assess how far women have equal rights in the society that we live today.</i>
<b>Religious Education</b>	<b>Do we need to prove the existence of God?</b>	<i>Students will study scientific theories of how the world was made and the religious responses to those theories, before bringing together all the different arguments learnt over the term and deciding whether we can prove the existence of God.</i>
<b>French</b>	<b>French Unit 1 – Media</b>	<i>Students will finish the unit 1 topic on Media with an end of unit assessment (writing). They will then begin unit 2 on the topic of Healthy Living. Here they will know vocabulary associated with food, sport and the environment.</i>
<b>Physical Education</b>	<b>Students will be studying a Mastery Curriculum developing motor competence, rules strategies and tactics and healthy participation, building upon their Year 8 knowledge.</b>  <b>All students will study: Basketball, Badminton, football and Fitness on a 6-week cycle</b>	<i>Basketball – Shooting, Passing, Dribbling and Attacking/Defensive tactics Badminton – Stance and Movement, Serve, Forehand/Backhand Football- Passing and receiving, Movement, Shooting and Defending Fitness – How to lead a Health active lifestyle</i>

<b>Art</b>	<b>Core skills/formal elements of art</b>	<i>In this half-term year 9 will be re-visit the formal elements of art. These are tone, texture, colour, shape and line. They will develop skills needed to underpin all of their future artwork.</i>
<b>Drama</b>	<b>Dancing through the decades</b>	<i>An introduction to how dance has developed over the 20th Century. Students will learn set phrases from Charleston, Hip Hop and Disco.</i>
<b>Music</b>	<b>Hooks and Riffs</b>	<i>In this unit Hooks and Riffs explores music based on repeated musical patterns through the genres of Popular Music</i>  <i>Hooks and Riffs is explored through the playing of ukulele, popular music is explored, students build on previous ukulele skills, students explore new chords of Eb Minor and Bb Minor and read from tab notation for the riff.</i>
<b>IT</b>	<b>9.2 Computer Science Theory</b>	<i>This unit covers core theoretical concepts of computer science, including CPU and memory, computer networks, binary representation, binary mathematics, cultural and environmental issues, logic gates and circuits, and searching and sorting algorithms.</i>
<b>Design and Technology</b>	<b>Graphics*</b>	<b>Design, CAD 3D, Card Modelling, Evaluation</b> <i>Learners will be given current real life architecture problem. we learn about the work of architects all over the world and use this to help them solve an architectural problem.</i>
<b>Design and Technology</b>	<b>Resistant Materials*</b>	<b>Health And Safety, Design movements / initial design ideas, Design Development, Making, Evaluating</b> <i>Building on knowledge and skills developed in previous years learners will focus on independent practical skills while working with highly complex shapes. Students will independently design and create a desk organising device which will be based on the Bauhaus design movement.</i>
<b>Design and Technology</b>	<b>Cooking and Nutrition*</b>	<b>World Foods Project</b> <i>Learners will fly around the globe learning different culture and factors that affect the food we eat such as religion, clement, seasonality and ethics.</i> <i>Pupils will cook a range of dishes mixed though out the theory lessons, dishes including: <b>Welsh Cakes, Spring Rolls, Enchiladas, Tiramisu and Vegetable Curry</b></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.*

## Curriculum Directors

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

*Yours faithfully*

*Mr R Siddons*

*Assistant Principal – Quality of Education*