

Dear Parents and Carers,

Curriculum Overview – Half term 5 (April and May 2024)

This is an overview of what your child will be studying in each subject in Half Term 5 of the school year.

For a more in-depth overview of the curriculum for each subject, you can visit our website where term, we have a section for each subject.

To access this information, visit: www.OIEA.co.uk

Once on the website click on the 'Curriculum' drop down menu. Then click on 'Subjects'. There is then a folder for each subject. Within this there is a Curriculum Overview Document which outlines the overall aims and purpose of the curriculum and then half term by half term breaks down of what is being taught to each year group in each subject.

If you require any further information, please contact the curriculum leaders of each faculty:

- Mr O Cotton and Mrs A Magill: Co-curriculum Directors responsible for Maths, Enterprise and IT at: ocotton@oiea.co.uk or amagill@oiea.co.uk
- Mrs K Spalding: Curriculum Director responsible for English and Languages at: kspalding@oiea.co.uk
- Mr S Cross: Curriculum Director responsible for Science, Health and Social Care and PE/Sport at: scross@oiea.co.uk
- Mr J Fotheringham: Curriculum Director responsible for History, Geography and RE at: jfotheringham@oiea.co.uk
- Mr B Underhill: Curriculum Director responsible for Art, Design Technology, Drama, Music and Hospitality at: bunderhill@oiea.co.uk

Kind regards,

Oliver Forster

Vice Principal – Quality of Education

See below for Year group specific information:

Year 7

Please note that DT/Food runs on a rotation, so not all students study the same topics and skills at the same time.

Subject	Overview
English	Literature in Colour – Students will read texts which express the experiences of writers from all backgrounds – learning how the highs and lows of life are articulated, using ‘Things Fall Apart’ as a companion text.
Maths	<ul style="list-style-type: none">• Introduction to Algebraic Thinking• Fractions – Including worded and binary fraction problems.
Science	<ul style="list-style-type: none">• Human Reproduction: Studies the biological process of human reproduction and development.• Provide answers to 2 significant figures - Disciplinary skills lesson.• Find the mode, median and mode - Disciplinary skills lesson.• Calculating Percentage Change - Disciplinary skills lesson• Health and Disease: Explores factors affecting health and the impact of diseases on the body.• Purity: Investigates the concept of purity in substances and its significance boiling points. The Space Race: Explores the historical competition between nations in space exploration and technology.
Geography	<ul style="list-style-type: none">• Sustainability - types of energy, recycling & re-using, importance of tropical rainforests, palm oil.• Development - measuring development, UK development, impact of physical geography, poverty, sustainable development.
History	<p>Medieval World unit ‘What mattered to Medieval People?’ and ‘What mattered to Medieval People outside of Britain?’ This will allow students to examine what life was like for Medieval people in Britain alongside life around the world at this time.</p> <p>Through this unit students will be able to gain an understanding of the similarities and differences in culture, technology and thinking and how it impacted life for people during the Medieval era.</p>
RE	How did Muhammad clarify monotheism and was he a good role model? (Students will study the life of Muhammad and main events in his life. They will investigate the night of power, the rules he introduced in Madinah.)
Languages	<ul style="list-style-type: none">• Unit 3 – End of Unit assessment• Unit 4 - Identity - Students will be taught daily routine phrases to talk about themselves and what they do each day as well as what they would like to do.• Grammar – Present, future, and conditional tenses as well as reflexive verbs

PE	Students will be studying a Mastery Curriculum Developing Motor Competence, rules strategies tactics and healthy participation, building upon their Key Stage 2 knowledge.
Art	The 3rd project 'exotic fish' allows students to extend their knowledge of the formal elements of colour theory and pattern. Students will then look at the work by Leonid Kim, handmade base-reliefs for interior and exterior decor, they will learn how to design and evolve their ideas into a clay tile inspired by the work of Leonid. They will develop their 3D skills working in this way whilst also introducing the students to another profession within the creative industries.
Drama	A Midsummer Night's Dream. Elizabethan theatre in practice. Students stage extracts from this Shakespearean comedy.
DT	DT is undertaken on a rotation. Therefore, students will be studying resistant materials, graphics or cooking and nutrition at different points in the year depending on which class they are in. Please see the full curriculum overview document on the website for a full description of each module.
IT	7.4 – PC Basics - Teaches the theory behind input and output devices, types of computers, core components, viruses, computer networks and health/safety.
Music	Film Music - Students will explore key musical features of film music such as leitmotifs. Students will compose using music software (Bandlab)

Year 8

Please note that DT/Food runs on a rotation, so not all students study the same topics and skills at the same time.

Subject	Overview
English	Politics, Propaganda and Poetic Licence – students will learn how to be critical of what they read and of what writers and characters tell them, whilst studying Shakespeare’s ‘Richard III’ and reading ‘Anthem as a companion text.
Maths	<ul style="list-style-type: none"> • Manipulating and Simplifying Expressions 1 – Including simplifying indices. • Manipulating and Simplifying Expressions 2 – Including factorising and expanding brackets.
Science	<ul style="list-style-type: none"> • Temperature or Heat: Investigates the concepts of temperature and heat transfer mechanisms. • Forces, Changing Shape: Explores how forces cause changes in the shape or deformation of objects. • Photosynthesis: Studies the process by which plants convert light energy into chemical energy to produce food. • Electricity: Examines the properties, generation, transmission, and uses of electric energy. • Magnetism: Explores the properties and behaviours of magnets and magnetic fields.
Geography	<ul style="list-style-type: none"> • Asia: An in-depth study of the continent • The UK economy – Changes to the UK economy, the importance of technology, and changes in the local economy • Africa - An in-depth study of the continent.
History	<p>Enslaved Peoples unit – ‘Why did the Slave Trade last so long?’ & The Industrial Revolution - How did life change for everyone during the Industrial Revolution? It is important to understand the development of the slave trade, colonisation, and the links between slavery to the British Empire and the industrial revolution.</p> <p>They will examine the nature and effects of the slave trade, what life was like for those enslaved, resistance to it and its abolition. They will explore social history such as what living conditions, crime and policing.</p>
RE	What are the complexities of being religious in the U.K? (Students study both the complexities and benefits of growing up as a Sikh teen in the UK)
Languages	<ul style="list-style-type: none"> • Unit 3 – End of Unit assessment • Unit 4 – Identity. Students are going to be expressing and exploring their identity in French. They will do this through looking at a range of topics in which they’ll be able to express their opinion. • Grammar - Adjectival agreements, revisiting reflexive verbs and the continued development of combined three tenses.

PE	Students will be studying a Mastery Curriculum developing Motor Competence, rules strategies tactics and healthy participation building upon their Year 7 knowledge.
Art	Students are introduced to 'Day of the dead project'. In this project students are introduced to the artists José Guadalupe and McArdle as well as techniques such as illustration and typography.
Drama	Our Day Out: Understanding social context. Working from a script, characterisation, cross cutting, devising, rehearsal, blocking, line learning performance and evaluation.
DT	DT is undertaken on a rotation. Therefore, students will be studying resistant materials, graphics or cooking and nutrition at different points in the year depending on which class they are in. Please see the full curriculum overview document on the website for a full description of each module.
IT	8.4 - Small Basic - Covers how to apply programming concepts (constants, variables, iterations, selections, sub programs) in a simple text-based language.
Music	Rap/Hip Hop - Students look at the development of Rap and Hip Hop in its social and political context. This unit builds on compositional skills and lyric writing. This unit gives students the opportunity to sing or use vocal techniques.

Year 9

Please note that DT/Food runs on a rotation, so not all students study the same topics and skills at the same time.

Subject	Overview
English	Morality as a Foundation for Storytelling – students will read a selection of stories which are all linked by the theme of morality. They will study and be inspired by the narrative devices used by writers from Oscar Wilde to Angela Carter.
Maths	<ul style="list-style-type: none">• Pythagoras' Theorem – including on a coordinate axes and 3D Pythagoras.• Enlargement and Similarity – including positive and negative scale factors and similar triangles.• Solve Ratio and Proportion Questions – including direct and inverse proportion and conversion graphs.
Science	<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 manner.• 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	<ul style="list-style-type: none">• The Middle East - An in-depth study of the region.• Future of Planet Earth – What are the risks & how can these be managed?
History	<p>World War II - What happened during World War Two? & The Holocaust - What were the causes and consequences of the Holocaust?</p> <p>Continuation of the World War II topic before moving onto the topic of the Holocaust which focuses on what happened after Adolf Hitler came to power in 1933 and how, from 1933 to 1939, Jews in Germany faced terrible discrimination and prejudice, and some were killed.</p>
RE	What are different views on death? (Students will study Christian views on life after death and the Dharmic faiths views on life after death, investigating similarities and differences.
Languages	<ul style="list-style-type: none">• Unit 3 – End of Unit assessment• Unit 4 – Festivals - 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).

PE	Students will be studying a Mastery Curriculum Developing Motor Competence, rules strategies tactics and healthy participation building upon their Year 8 knowledge.
Art	Students begin '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 Matson.
Drama	Verbatim Theatre: Discovering the drama through real people's experiences. Looking at the processes used to create verbatim theatre and using professional scripts to investigate how verbatim theatre can be staged.
DT	DT is undertaken on a rotation. Therefore, students will be studying resistant materials, graphics or cooking and nutrition at different points in the year depending on which class they are in. Please see the full curriculum overview document on the website for a full description of each module
IT	9.4 - Python Programming - Covers how to apply programming concepts (constants, variables, data types, iterations, selections, arrays, files) in an industry standard programming language.
Music	Cover Songs - Students will apply knowledge of popular songs and styles to create and perform their own cover version.

Year 10

Subject	Overview
English	Macbeth – students will learn the plot, themes, and characters of Shakespeare’s play, whilst developing their analytical essay writing skills
Maths	<ul style="list-style-type: none"> • Probability – including the use of tree and Venn diagrams. • Collecting, representing & interpreting data – including box plots and histograms.
Science	<ul style="list-style-type: none"> • Reproduction: Examines the processes of sexual and asexual reproduction in plants and animals, including fertilization and embryonic development. • Organic reaction: Explores the mechanisms and applications of organic reactions, such as substitution, addition, and elimination reactions. • Motion: Investigates the concepts of velocity, acceleration, and force in describing the motion of objects and systems. • Variation and evolution: Studies genetic variation, natural selection, and evolutionary processes shaping the diversity of life on Earth. • Polymers: Analyses the properties, synthesis, and applications of polymers, including plastics, fibres, and biomaterials. • Electromagnetism: Explores the relationship between electricity and magnetism, including electromagnetic induction and the behaviour of charged particles in magnetic fields. • Using our resources: Examines sustainable practices and technologies for resource management and conservation, including recycling, renewable energy, and waste reduction strategies.
Geography	<ul style="list-style-type: none"> • Challenge of Resource Management - Global inequalities in resource consumption, changing demands for food, water and energy. • Challenge of Natural Hazards – Causes, impacts and management of tectonic hazards & extreme weather events.
History	<p>Early Elizabeth (1558-1588) Paper 2 Students study the reasons why Elizabethan society is known as the ‘Age of Exploration’ investigating reasons as to why exploration increased and why the establishment of a colony in Virginia failed.</p> <ul style="list-style-type: none"> • Key Topic 2 - Challenges to Elizabeth at home and abroad, 1569–88. • Key Topic 3 - Elizabethan society in the Age of Exploration, 1558–88
RE	Muslim Practices - Paper 1 (Students will study key Muslim practices such as: the five pillars, salah, sawm, zakah, hajj, jihad, and festivals.
French	Unit 6 – Social Issues - Students will explore subtopics such as charity, volunteering, and healthy living. We use more impersonal verbs and talk about what we would like to do, and would you like to volunteer abroad.
Sport (Exam)	Performance and leadership in sport activities - Topic 2 - Students will apply practice methods to support improvement in a selected sport.
Art	Students will then move onto the theme of identity. This project will draw on learning from the previous project and allow students to incorporate elements of

	<p>their own identity into their work. The project follows the same structure as before starting with initial ideas, then artist research, experimenting with materials, developing ideas, and then creating a personal response.</p>
DT	<p>Scales of production: Learners should be able to select materials. and components considering scales of production and referencing the processes.</p> <ul style="list-style-type: none"> • prototype batch • mass • continuous. <p>Stock forms, types, and sizes: Learners should know and understand the different stock form types and sizes in order to calculate and determine the quantity of materials or components required. Papers and boards, Natural and manufactured timbers, metals and alloys, polymers, textiles.</p>
Creative iMedia	<p>Topic 3 - Review the planning, documentation, and legal considerations (data protection act, copyright, intellectual property, certification, etc.) for different products along with how designers can avoid breaking the different laws.</p>
Music	<ul style="list-style-type: none"> • Composing: Students will explore musical devices and will start work on their free composition. • Theory: This unit is looking at one of the Set Works, Badinerie. Students will look at the elements of music within Badinerie, they will also explore time signatures, key signatures, cadences and intervals and the structure. • Performing: Students work on developing solo and ensemble pieces.
Hospitality and Catering	<p>Students will be a focusing on assessing their own practical outcomes for success and potential further development in readiness for their NEA in Year 11.</p> <p>They will also undertake several practical lessons that will involve high skill dishes to develop their skills.</p>
Health and Social Care	<p>Students are studying Health and Social Care service and values.</p>
Enterprise	<p>Student will be studying for enterprises:</p> <ul style="list-style-type: none"> • What resources are required by enterprises. • Financial information. • Risk assessment for enterprises. • Viability of the plans. • Tasks 1a and 1b mock using PSA Sample.

Year 11

Subject	Overview
English	Revision of key skills and knowledge in response to the needs of students following mock exams.
Maths	Information from the mock exams is used to create a bespoke curriculum for revision for each class.
Science	Preparation and revision for their combined or triple science exams.
Geography	Issue evaluation (paper 3) - Preparation using the resource booklet, which is provided 12 weeks before the exam for paper 3. Interleaved revision for GCSE exams.
History	Interleaved revision of content for all three exam papers.
RE	Bespoke revision based on mock results.
French	Preparation for their speaking exams followed by revision and preparation for their other exams.
German	Preparation for their speaking exams followed by revision and preparation for their other exams.
Sport (Exam)	Preparation for their final assessments.
Art	Students prepare for, and undertake, their GCSE art exam. They will also complete their coursework projects.
Performance (Drama or Dance)	Preparation for their practical exam.
DT	Exam preparation and revision.
Creative iMedia	Exam preparation – Revise and revisit the content delivered in year 10 in preparation for the final exam
Music	Exam preparation and practice.
Hospitality and Catering	Preparation for their final assessed work.
Health and Social Care	Revision for their Health and Wellbeing exam.
Enterprise	Exam preparation and revision.