

YEAR TEN CURRICULUM SUMMARY – SUMMER TERM 2021

ENGLISH	<p>During the summer term, students in Year Ten will have the opportunity to revisit key topics from the Literature unit. Having the opportunity to revisit poetry, An Inspector Calls and Macbeth, students will begin to refine their knowledge and understanding of these key texts as they revisit key themes and further explore context and writer’s intentions.</p> <p>Key to their exam preparation will be the development of essay writing skills. Students will practise the process of planning, writing and editing in order to develop effective analytical responses.</p> <p>Alongside literature, students will also continue to revise their creative writing skills through weekly imaginative writing tasks. These lessons will give students an opportunity to practise the skills required for Language Paper 1 and 2 (Section B) and to reinforce vital editing skills.</p> <p>Towards the end of the summer term, students will explore topics for the spoken language element of the English Language GCSE and begin to practise the skills required for this element of the course, ready for their final presentation at the start of Year Eleven.</p>
MATHEMATICS	<p>In the summer term, students will continue their mathematics journey to their GCSE mathematics qualification. We are following the Edexcel schemes of work and students are working towards the higher tier or the foundation tier.</p> <p>Higher tier students will be studying probability in greater detail calculating probabilities from Venn diagrams and drawing tree diagrams for multiple events. Following this, they will complete a unit on multiplicative reasoning, looking into direct and inverse proportion. They will extend their knowledge on similarity and congruent shapes, finding missing side, area and volume measurements using a scale factor. Trigonometry knowledge will be extended looking into trigonometric graphs and the sine / cosine rules.</p> <p>Foundation tier students will be further developing their knowledge of ratio and proportion and calculating the missing sides and angles of right angled triangles using Pythagoras and trigonometry. They will calculate the probability of single events and multiple events using tree diagrams, exploring the difference between theoretical and experimental probabilities.</p>
SCIENCE	<p>During the summer term, Year Ten students will be covering the following topics in science:</p> <p>Biology: students will be learning about ecosystems and material cycles. They will learn how organisms are affected by their environment and the importance of the carbon and nitrogen cycles.</p> <p>Chemistry: students will be looking at fuels, hydrocarbons and their impact on the environment. They will also learn about the factors that can affect the rate of reactions and energy changes that occur when chemical reactions take place.</p> <p>Physics: students will be studying the particle model and forces and matter. They will learn how the particle model explains the properties of matter and what happens when energy is transferred to or from a substance. They will also learn about springs and the energy transfers in stretching them.</p> <p>In addition to the above, students will carry out a selection of core practical activities which will be recorded in their lab books. These practicals will develop key scientific skills including scientific thinking, experimental skills and analysis/evaluation techniques.</p> <p>https://qualifications.pearson.com/en/qualifications/edexcel-gcses/sciences2016.html</p>

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ART & DESIGN	<p>The Art and Design GCSE is made up of two elements: portfolio work (coursework) and the final exam. The portfolio work will be created in Year Ten and the first term of Year Eleven during lesson time. It is therefore crucial that work is kept up to date as it accounts for 60% of the overall GCSE. Over the course of Year Ten, students will be working on two different projects: Natural Forms and Transport.</p> <p>The summer term marks the start of the Transport project in which students will work on studies of modes of transport. Students will work in pencil, pen, coloured pencil, paint, printmaking methods and much more.</p> <p>The Transport project contributes to their coursework which is weighted at 60% of their overall grade.</p>
COMPUTER SCIENCE	<p>This term covers a wide variety of theoretical and practical topics. Areas covered include computations thinking, algorithms in mathematics, pseudo-code, Boolean and logic gates, object orientated programming, binary and hexadecimal, storage and compression, validation and verification, trees and Huffman coding, hardware, software, networking as well as social engineering, cyber security, ethics, the law and the environment. There is a vast array of computing knowledge required, but this year will form a good basis for the in-depth learning in these areas required in Year Eleven.</p>
CREATIVE iMEDIA	<p>Students will complete R087 looking at interactive multimedia products. Students will understand they are used widely in everyday life within the creative and digital media sector. This unit will enable learners to understand the basics of interactive multimedia products for the creative and digital media sector. Pupils will be able to show where and why interactive multimedia is used and what features are needed for a given purpose. The following websites will be useful for students to use:</p> <p>https://members.gcsepod.com/login https://www.ocr.org.uk/qualifications/cambridge-nationals/creative-imedia-level-1-2-award-certificate-j807-j817/assessment/</p>
DANCE	<p>The students will spend this term consolidating their knowledge of the six professional dance works studied for the GCSE written exam. They will learn two set dance phrases and a duet in readiness for their practical exam in the autumn term of Y11.</p>
DESIGN TECHNOLOGY	<p>In the final term, Year Ten students will continue to develop their design and prototyping skills working alongside the AQA specification. Experimentation of manufacturing processes and techniques will be extremely important in terms of understanding and application. Portfolio skills will continue to be improved and refined leading up to their GCSE contextual challenge that will be announced at the start of June 2021.</p>
DRAMA	<p>Year Ten students will begin preparation for their component one non-examined assessment. Students will be required to respond creatively to a stimulus and develop a performance that is influenced by either a style or a practitioner. Each student will also complete a portfolio of evidence alongside the practical aspects of the component.</p>

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ENTERPRISE AND MARKETING	Students will move on to Unit 6 where they will learn about the different functional areas within a business before completing their summer exam. RO64 topics will then be revised with a focus on exam technique. For further information please use the website where you can access the learning journey for RO64 (exam) and RO65 (coursework). You will also be able to see all the topics we have studied or will be moving onto as your child enters Year Eleven (RO66).
FRENCH	Year Ten students will begin the term revising the vocabulary to do with school subjects. They will develop their understanding of school life in France and other French-speaking countries, drawing comparisons with their own lives at school. Students will then move on to learning about healthy living and will take part in important discussions regarding the dangers of smoking, alcohol and drugs. Grammar concepts this term include: the imperative, 'il faut + infinitive', 'il est interdit de + infinitive' and combining tenses. Students will also sit practice GCSE listening and reading papers this term.
GEOGRAPHY	Year Ten geographers will continue their studies of river landscapes in the UK. They will focus on the application of knowledge and sequential formation of landforms using physical processes. Students will apply exam techniques to 6 mark questions and focus on writing with extension and depth of geographical detail. They will continue to develop their use and understanding of geographical skills. They will then move onto coastal landscapes of the UK and build on the skills they have developed from their study of rivers. Students will have completed all of Paper 1 by the end of the term.
HEALTH & SOCIAL CARE	Year Ten will be focusing on completing RO23 understanding body systems and disorders. This unit provides students with the knowledge of three major body systems: respiratory, digestive and cardiovascular. Students will investigate the structure and function of these systems and look at illnesses or disorders that may affect these systems, as well as how to take and interpret key measurements.
HISTORY	Students will complete the Conflict and Tension in Asia unit (Korea and Vietnam), before embarking on the final unit of the GCSE course, which is an in-depth study of Norman England c1066-1100. Students will investigate power and control in this era as well as what it was like to live in the period as an ordinary subject. Higher-order source skills will be an important aspect of students' work, as will be the focus on how to write successful extended examination answers.
HOSPITALITY & CATERING	Year Ten will be focusing on being able to recall, select and communicate sound knowledge and understanding of the aspects of the hospitality sector. They will apply suitable knowledge and understanding in a range of situations to be able to give appropriate responses to queries and issues, with an appreciation of factors that affect success in hospitality and catering.
LIFE SKILLS	During the first half term, students will be exploring their own health and wellbeing. The topic will start off with building a growth mindset, perseverance and maintaining a healthy self-concept and will progress onto stress and time management, effective revision technique and promoting emotional wellbeing. The second half term focuses on preparing students for the post-16 choices they will be making in Year Eleven, and future career pathway options. Students will develop their skills in applications, CV-writing and interview techniques, using the Unifrog platform to develop their personal careers passport.

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MUSIC	<p>As part of the Rhythms of the World area of study, students will learn about Indian Classical Music and traditional Punjabi Bhangra. Through a range of integrated performing, composing and listening activities, students will study and develop an understanding of characteristic rhythms and metres and the origins and cultural context of the traditional music.</p> <p>Towards the end of the term, we will be preparing for an assessed solo performance and individual composition.</p>
PHYSICAL EDUCATION	<p>Year Ten will participate in a variety of striking, fielding and invasion games, focusing on skill development, advanced tactics and officiating. Students will participate in a variety of athletics events and will have the opportunity to officiate and improve their own personal performance.</p>
GCSE PHYSICAL EDUCATION	<p>Year Ten will be researching and writing their AEP which is 10% of their final mark. They will choose a sport, analysis their performance and the skills involved before producing an action plan to improve that sporting skill. Students will be expected to develop their practical skills in core PE lessons and in extracurricular activities.</p>
RELIGION, PHILOSOPHY AND ETHICS	<p>Year Ten will continue to study a variety of themes within form times. These themes vary week to week and encompass a wide variety of religious groups (the six major world religions alongside minority religious groups). Students also consider philosophical, moral and ethical questions from both a religious and atheist perspective. Over the coming months, students will explore different religious festivals, such as Sikh Heritage Week, Wesak, and Eid.</p> <p>They will also have an optional homework project to produce their own creative piece of spiritual artwork, with a chance of being entered into NATRE's national Spirited Arts competition. The themes for the competition this year are as follows:</p> <ul style="list-style-type: none"> • God's good earth • Where is God? • Healing • Inspiring! • "We have far more in common with each other than that which divides us" – Jo Cox MP <p>More information about these themes can be found at: https://www.natre.org.uk/about-natre/projects/spirited-arts/spirited-arts-2021/</p>
SPANISH	<p>Year Ten students will begin the term by revising vocabulary to do with hobbies and free time activities. They will then learn how to talk and write about television programmes, films, sports, different types of entertainment and role models. Grammar concepts this term include: stem-changing verbs, adjectives of nationality, 'soler + infinitive' and combining tenses. Students will also sit practice GCSE listening and reading papers this term.</p>
SPORTS STUDIES	<p>Students will continue to work on their coursework, focusing on RO54 and the media in sport as well as beginning revision for their exam on RO51 which focuses on contemporary issues in sport.</p>

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TRAVEL & TOURISM

Students will understand the possible negative and positive impact of tourism and visitor activities on global destinations. They will learn about the different types of impact that may affect local communities and environments at global destinations.

Students will know about the issue of sustainability. They will gain an understanding of how some global destinations aim to minimise the negative impacts of tourism and maximise the positive impacts of tourism to achieve sustainable tourism. They will know that sustainable tourism includes low-impact tourism that protects the natural, cultural and heritage environments for future generations. They will understand how governments and travel and tourism organisations can achieve sustainable tourism while meeting the needs of present generations.

We encourage staff to be innovative within their subject areas and seize topical opportunities as they arise, therefore aspects of the taught curriculum may differ from the one which is published.