

YEAR TEN CURRICULUM SUMMARY – SUMMER TERM 2022

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, Year Ten students will study the following topics:</p> <ul style="list-style-type: none"> • Collecting and representing data • Non-calculator methods • Types of number and sequences • Indices and roots • Manipulating expressions <p>Greater detail about the content of the unit, keywords and individual objectives can be found on the maths curriculum page of the school website in the knowledge organisers section.</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 the heart and circulatory system followed by, 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 groups of elements within the Periodic Table, and the reactions of those elements. They will also learn about the factors that can affect the rate of reactions and energy changes that occur when chemical reactions take place. Students following the separate sciences path will be looking at quantitative analysis within chemistry.</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 'Manmade Structures'.</p> <p>The summer term marks the start of the 'Manmade Structures' project in which students will work on studies in a variety of media from images and from observation. Students will work using pencil, pen, coloured pencil, paint, printmaking methods and much more.</p>
COMPUTER SCIENCE	<p>This term covers a wide variety of theoretical and practical topics. Areas covered include 'computational 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. They 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. Students 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 which will be announced at the start of June 2022.</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 learn about financial topics (LO2 from RO64). Students will then move onto how to extend the life of a product using the product lifecycle. Students will also develop their exam technique as they begin to prepare for their exam in January of Year 11.
FRENCH	Year Ten students will tackle discussing issues affecting the planet in French, for example, pollution, climate change and resource scarcity. They will also consider the actions they can take to tackle these issues, such as saving water, travel choices and fair trade. We will focus on writing exam technique particularly, though they will be examined in all 4 skills (speaking, reading, listening and writing) during their Year Ten assessment window. Key grammatical concepts this term include: the conditional tense, modal verbs and impersonal constructions, as well as revision of future/perfect/imperfect and present tenses – which will be further practised via a summer homework task on holidays.
GEOGRAPHY	Year Ten geographers will complete their studies of 'Food' and thus the completion of Paper 2 topics. They will then begin Paper 1 which is living with the physical environment. They will begin with 'Coastal landscapes of the UK', followed by 'River landscapes of 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.
HEALTH & SOCIAL CARE	Year Ten students 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 continue their unit on 'Russia c1894-1945'. The study investigates three linked areas of Russia in this period - namely the end of Tsardom, Lenin's era and the USSR under Stalin. 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 students 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 learning about different families, parental responsibility, pregnancy, marriage and changing relationships within the statutory relationships content. We will also revisit gender identity and sexual orientation within this topic. The second half term focuses on preparing students for the post-16 choices they will be making in Year Eleven, and their 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 range 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, analyse 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. This term there will be a particular focus on human rights.</p> <p>In addition, students will have an opportunity to create their own 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 • Searching for God • A view of the world • Celebrations: big days and big ideas • "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-2022/</p>
GCSE RELIGIOUS STUDIES	<p>The GCSE Religious Studies groups will study their final two thematic studies. Theme A (<i>'Relationships and Families'</i>) explores religious and non-religious views about sexuality, relationships, marriage, divorce and families. Theme C (<i>'Existence of God and Revelation'</i>) is a philosophy focused unit which looks at arguments for and against God's existence, such as the Design Argument, First Cause Argument and Special Revelation. We will also be visiting St Paul's Cathedral and the London Central Mosque later in the year.</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 papers towards the end of the term.</p>

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SPORTS STUDIES	This term Year Ten students will focus on 'RO52 - Developing sports skills' and 'RO51 -Contemporary Issues in Sport'. RO52 requires pupils to develop their knowledge and skills and apply them through written and practical coursework tasks. RO51 considers a range of contemporary issues in sport and will be externally assessed in May 2022.
TRAVEL & TOURISM	In Year Ten students will explore the different factors that may influence global travel and tourism, and how organisations and destinations respond to these factors. Learners will examine the potential impacts of tourism at global destinations and how destinations can manage the impacts of tourism and control tourism development to achieve sustainable tourism. Students will learn and produce an assignment on the aims of travel and tourism organisations, how different organisations work together and types of travel and tourism, the features that make destinations appealing to visitors and different travel routes.

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.