



## Curriculum Information, Autumn Term

### Year 10:

The information below gives you a brief outline of the work we are covering with students this half term. More detail is available on the web site.

Subject	This term we will be studying...	Useful resources
English	<p>Literature - A Christmas Carol, Charles Dickens</p> <p>Language – Reading Section – Language Paper 2 – Non Fiction texts</p>	<p><a href="https://app.century.tech">https://app.century.tech</a></p> <p><a href="#">A Christmas Carol - Full Movie   Christmas Movies   Great! Christmas Movies</a></p> <p><a href="#">Ebenezer Scrooge: Character Analysis - 'A Christmas Carol'</a></p>
Maths	<p>Year 10 Foundation Curriculum</p> <ul style="list-style-type: none"> <li>Pythagoras and Trigonometry</li> <li>Decimals, Number Properties, Prime Factor Trees HCF and LCM</li> <li>Data Diagrams, Stem and Leaf</li> <li>Expressions</li> <li>Graphs</li> </ul> <p>Year 10 Higher Curriculum</p> <ul style="list-style-type: none"> <li>Number work, Surds, Rationalising the Denominator</li> <li>Cumulative Frequency</li> <li>Box Plots and Histograms</li> <li>Percentages</li> <li>Pythagoras and Trigonometry</li> <li>Sine/Cosine Rule</li> <li>Trigonometric Graphs</li> <li>Functions</li> </ul>	<ul style="list-style-type: none"> <li><a href="http://www.corbettmaths.com">www.corbettmaths.com</a></li> <li><a href="http://www.centurytech.com">www.centurytech.com</a></li> <li><a href="http://www.mathsgenie.com">www.mathsgenie.com</a></li> </ul>



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Science	<p>Students will be studying the AQA Trilogy Science GCSE course from September. We will be studying the following key scientific concepts</p> <ul style="list-style-type: none"> <li>• Cell Biology</li> <li>• Atomic Structure</li> <li>• The Periodic Table</li> <li>• The organisation of living things</li> <li>• Energy</li> </ul>	<p>Details of the course and content can be found on</p> <p><a href="https://shorturl.at/cS7YG">https://shorturl.at/cS7YG</a></p> <p>Nuggets of homework are set each week on Century Tech linked to class topics. Students log in via the microsoft option using their school email and password.</p> <p><a href="https://app.century.tech/login/">https://app.century.tech/login/</a></p> <p><a href="http://www.bbcbitesize.co.uk">www.bbcbitesize.co.uk</a></p> <p><a href="https://senecalearning.com/en-GB/">https://senecalearning.com/en-GB/</a></p> <p><a href="https://www.freesciencelessons.co.uk/">https://www.freesciencelessons.co.uk/</a></p>
Triple Science Biology	<p>Students will be studying the following units in the Autumn Term</p> <ul style="list-style-type: none"> <li>• Unit 1 : Cell Biology</li> <li>• Unit 2 : Organisation</li> </ul>	<p>Details of the course and content can be found on</p> <p><a href="https://shorturl.at/UZOj">https://shorturl.at/UZOj</a></p> <p>Nuggets of homework are set each week on Century Tech linked to class topics. Students log in via the microsoft option using their school email and password.</p> <p><a href="https://app.century.tech/login/">https://app.century.tech/login/</a></p> <p><a href="http://www.bbcbitesize.co.uk">www.bbcbitesize.co.uk</a></p> <p><a href="https://senecalearning.com/en-GB/">https://senecalearning.com/en-GB/</a></p> <p><a href="https://www.freesciencelessons.co.uk/">https://www.freesciencelessons.co.uk/</a></p>



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Triple Science Chemistry	<p>Students will be studying the following units in the Autumn Term</p> <ul style="list-style-type: none"> <li>Unit 1 : Atomic Structure and the Periodic Table</li> <li>Unit 2 : Structure and Bonding</li> </ul>	<p>Details of the course and content can be found on</p> <p><a href="https://shorturl.at/lizOO">https://shorturl.at/lizOO</a></p> <p>Nuggets of homework are set each week on Century Tech linked to class topics. Students log in via the microsoft option using their school email and password.</p> <p><a href="https://app.century.tech/login/">https://app.century.tech/login/</a></p> <p><a href="http://www.bbcbitesize.co.uk">www.bbcbitesize.co.uk</a></p> <p><a href="https://senecalearning.com/en-GB/">https://senecalearning.com/en-GB/</a></p> <p><a href="https://www.freesciencelessons.co.uk/">https://www.freesciencelessons.co.uk/</a></p>
Triple Science Physics	<p>Students will be studying the following units in the Autumn Term</p> <ul style="list-style-type: none"> <li>Unit 1 : Energy</li> <li>Unit 2 : Electricity</li> </ul>	<p>Details of the course and content can be found on</p> <p><a href="https://shorturl.at/yhPCQ">https://shorturl.at/yhPCQ</a></p> <p>Nuggets of homework are set each week on Century Tech linked to class topics. Students log in via the microsoft option using their school email and password.</p> <p><a href="https://app.century.tech/login/">https://app.century.tech/login/</a></p> <p><a href="http://www.bbcbitesize.co.uk">www.bbcbitesize.co.uk</a></p> <p><a href="https://senecalearning.com/en-GB/">https://senecalearning.com/en-GB/</a></p> <p><a href="https://www.freesciencelessons.co.uk/">https://www.freesciencelessons.co.uk/</a></p>
Mandarin	<p>AQA Module 1 Free Time activities</p> <p>AQA Module 2 Home (half)</p>	<p>'Go Chinese' website</p> <p><a href="https://eu.gochinese.net/goChinese/">https://eu.gochinese.net/goChinese/</a></p>



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		<p>'AQA Assessment resources' website</p> <p><a href="https://www.aqa.org.uk/subjects/language/gcse/chinese-spoken-mandarin-8673/assessment-resources">https://www.aqa.org.uk/subjects/language/gcse/chinese-spoken-mandarin-8673/assessment-resources</a></p>
History	<p>Module one of the GCSE specification. Pupils will begin study of the topic, 'Medicine Through Time' – Pupils to be focussed on the course and development of medicine during the Medieval Period. Key lessons include:</p> <ol style="list-style-type: none"> <li>The strengths and weaknesses of medieval medical knowledge</li> <li>The differences between Christian and Islamic approaches and knowledge on medicine</li> <li>The impact of the Black Death</li> </ol> <p>In depth analysis of sources with extended evaluation of source content, context and provenance. Extended historical analysis, including extended evaluation of evidence to form historical arguments.</p>	<p><a href="https://www.aqa.org.uk/subjects/history/gcse/history-8145/subject-content/shaping-the-nation">https://www.aqa.org.uk/subjects/history/gcse/history-8145/subject-content/shaping-the-nation</a></p> <p><a href="https://www.bbc.co.uk/bitesize/examspecs/zxjk4j6">https://www.bbc.co.uk/bitesize/examspecs/zxjk4j6</a></p>
Geography	<p>Could we make the world more equal?</p> <p>This includes:</p> <ul style="list-style-type: none"> <li>How Global Economic develop varies</li> <li>How development is measured</li> <li>Why is there a development gap?</li> </ul>	<p><a href="#">The changing economic world - GCSE Geography - BBC Bitesize</a></p> <p><a href="#">Michael Palin in Nigeria Videos &amp; Resources   ClickView</a></p> <p><a href="#">The World Factbook - The World Factbook (cia.gov)</a></p> <p><a href="#">THE 17 GOALS   Sustainable Development (un.org)</a></p>



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	<ul style="list-style-type: none"> <li>• What can be done to reduce the development gap?</li> <li>• A case study of Nigeria.</li> </ul>	
Spanish	<p>GCSE topic 1- People and lifestyles</p> <p>Recapping how to talk about family and friends in Spanish- consolidating the present tense.</p> <p>Relationships and personalities in Spanish. Key verbs.</p>	<p><a href="https://wordwall.net/resource/32224084">https://wordwall.net/resource/32224084</a></p> <p><a href="https://wordwall.net/resource/18254551">https://wordwall.net/resource/18254551</a></p> <p><a href="https://wordwall.net/resource/22854764">https://wordwall.net/resource/22854764</a></p> <p>Myself, family and relationships (old curriculum but vocabulary still the same)</p> <p><a href="http://www.bbc.co.uk/bitesize/guides/zn2d8xs/revision/1">www.bbc.co.uk/bitesize/guides/zn2d8xs/revision/1</a></p>
RE: Theme D – Religion, Peace and Conflict Is religion a power for peace or cause for conflict?	<ul style="list-style-type: none"> <li>• Why might people go to war?</li> <li>• How do religions view protest and terrorism?</li> <li>• Can the use of nuclear weapons and weapons of mass destruction ever be</li> <li>• Can there ever be a 'just' or holy war?</li> <li>• What power may religion hold to stop conflict through peace and pacifism?</li> </ul>	<p>Seneca</p> <p>Microsoft Teams</p> <p><a href="#">Is religion a power for peace or does it cause conflict? – KS3 Religious Studies – BBC Bitesize - BBC Bitesize</a></p>
PE (BTEC Tech Award in Sport)	<p>Pupils will be starting their Component 1 coursework unit and working on 'Task 1'. The main topics to be covered in this assignment are barriers to participation and different sectors where sports and activities are provided.</p>	<p>All resources are available on Google Classroom.</p> <p><a href="https://edu.google.com/workspace-for-education/classroom/">https://edu.google.com/workspace-for-education/classroom/</a></p>
Sports Science	<p>Pupils will be starting their R181 coursework unit. The main topics to be covered will be components of physical and skill related fitness and principles of training in the initial assignments.</p>	<p>All resources are available on Google Classroom.</p> <p><a href="https://edu.google.com/workspace-for-education/classroom/">https://edu.google.com/workspace-for-education/classroom/</a></p>



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Photography	<p><b>WORKSHOPS:</b>  <i>Students will explore introductory workshops on the themes of:</i></p> <ul style="list-style-type: none"> <li>• <u>Exploring Texture</u></li> <li>• <u>Exploring colour</u></li> <li>• <u>Exploring Line</u></li> </ul>	<p>All lesson resources can be found on teams.</p> <p><a href="#">Photographic process</a></p> <p><a href="#">Photographic techniques</a></p> <p><a href="#">Photography Portfolio</a></p>
Art	<p><b>WORKSHOPS:</b>  <i>Students will explore introductory workshops on the themes of:</i></p> <ul style="list-style-type: none"> <li>• <u>Drawing</u></li> <li>• <u>Mark making</u></li> <li>• <u>Pattern</u></li> </ul>	<p><a href="#">Painting</a></p> <p><a href="#">Finding inspiration</a></p> <p><a href="#">Annotating your work</a></p> <p><a href="#">Art Portfolio</a></p>
Performing Arts	<p>Component 2 – Developing skills and techniques for performance.</p> <p>Students will explore the skills required for performance through learning professional repertoire. They will come up with a development plan of how to improve strengths and weaknesses and complete regular skills audits to track and evaluate their progress.</p> <p>Drama students will study monologues and duologues from Blood Brothers, DNA and Teechers.</p> <p>Dance students will explore repertoire in the style of Motionhouse and movement patterns from Rosas Danst Rosas.</p>	<p><a href="#">Rosas   ROSAS DANST ROSAS (youtube.com)</a></p> <p><a href="#">Perfect: Perfect by Motionhouse (youtube.com)</a></p> <p><a href="#">BLOOD BROTHERS London (youtube.com)</a></p> <p><a href="#">'DNA' Character Analysis: Leah (youtube.com)</a></p>



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Creative I Media	<p>Component 1 - Exploring Media Products</p> <p>Students will explore and analyse media products based upon a set genre</p> <p>Component 2 - Developing Digital Media Production Skills</p> <p>Students will produce a media product in response to a set brief, using editing skills</p>	<p>All resources and templates are posted in Microsoft Teams which can be accessed at home.</p> <p>Pearson set brief is found here (but has also been posted on Teams)</p> <p><a href="https://qualifications.pearson.com/en/qualifications/btec-tech-awards/creative-media-production-2022.coursematerials.html#filterQuery=Pearson-UK:Category%2FInternal-assessments-(PSAs)">https://qualifications.pearson.com/en/qualifications/btec-tech-awards/creative-media-production-2022.coursematerials.html#filterQuery=Pearson-UK:Category%2FInternal-assessments-(PSAs)</a></p> <p>Useful links:</p> <p><a href="https://www.youtube.com/@DapperMrTom">https://www.youtube.com/@DapperMrTom</a> – excellent YouTube channel with lots of the theory covered</p> <p><a href="https://www.photopea.com/">https://www.photopea.com/</a> - students can practice their editing skills online for free</p>
Enterprise	<p>We will be studying the following topics in Enterprise this term:</p> <p>Small and Medium-sizes Enterprises</p> <p>Sectors and business models</p> <p>Aims and objectives</p> <p>Skills and characteristics of entrepreneurs</p> <p>Market research</p> <p>PEST analysis</p> <p>SWOT analysis</p> <p>Competitor behaviour</p>	
Child Development  Year 10	<p>Students will be completing their first unit of coursework, which counts towards their overall grade.</p> <p>Component one looks at the growth and development of children; including the milestones they are expected to meet, how their growth is measured overtime and the health professionals that are involved in this process.</p>	<p>All resources to help you complete component one are displayed on Google Classroom. This includes a teaching PowerPoint which contains useful website links, a student's template to ensure all pertinent information is included in your assignment, and specific Pearson materials such as the Set Assignment and supporting information.</p>



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		<a href="https://edu.google.com/workspace-for-education/classroom/">https://edu.google.com/workspace-for-education/classroom/</a>
Music Technology	<p>Students will be studying the following units in the Autumn Term:</p> <p>CA01 - Introduction to Music Technology and the Music Business</p> <p>CA02 - Sequencing</p> <p>CA03 - Musicality</p> <p>Regular homework is set on Bromcom and Century Tech. The primary focus is encouraging students to study key terminology, job roles within the industry and the basics of using DAW (Digital Audio Workstations).</p> <p>There are also Quizizz and Memrise quizzes to help students develop confidence with key terminology.</p>	<p><a href="https://www.ncfe.org.uk/qualification-search/qualification-detail/ncfe-level-2-technical-award-in-music-technology-1499">https://www.ncfe.org.uk/qualification-search/qualification-detail/ncfe-level-2-technical-award-in-music-technology-1499</a></p>
Catering	<ul style="list-style-type: none"> <li>• UNIT 1 - Food related ill health</li> <li>• UNIT 2 - Nutritional Needs of Specific Groups</li> <li>• PRACTICAL FOCUS: Knife Skills and Presentation</li> </ul>	<p><a href="#">Level 1/2 Vocational Award in Hospitality and Catering (wjec.co.uk)</a></p> <p><a href="#">GCSE Home Economics: Food and Nutrition (CCEA) - BBC Bitesize</a></p> <p><a href="#">GCSE Hospitality (CCEA) - BBC Bitesize</a></p>