



# Half Term 1 Subject Overviews: What your child will be learning this half term

Head of year: Mr L Holliday (C) Core subject (O) Option subject

# Y11

<b>English Language (C)</b> <ul style="list-style-type: none"> <li>Identifying and interpreting explicit and implicit information from texts</li> <li>Selecting and synthesising evidence from different texts</li> <li>Analysing how writers use language and structure</li> </ul>	<b>English Literature (C)</b> <ul style="list-style-type: none"> <li>The importance of a writers' message</li> <li>Significance of Shakespeare and literary heritage</li> <li>Analysing a writers craft: language, structure and dramatic techniques</li> </ul>	<b>Maths (C)</b> <ul style="list-style-type: none"> <li>Transformations of shapes</li> <li>Fractional scale factors</li> <li>Probability of combined events</li> <li>Venn diagrams</li> <li>Standard ruler and compass constructions</li> <li>Bearings and scale (HT)</li> <li>Circle theorem (HT)</li> <li>Vectors (HT)</li> </ul>	<b>Biology (C)</b> <ul style="list-style-type: none"> <li>Ecological communities</li> <li>Biotic and abiotic factors</li> <li>Biodiversity</li> <li>Animal adaptations</li> <li>Plant adaptations</li> <li>Nutrient cycles</li> <li>Waste management</li> </ul>	<b>Chemistry (C)</b> <ul style="list-style-type: none"> <li>Calculating rates of reaction</li> <li>Factors affecting rates of reaction</li> <li>Collision theory</li> <li>Catalysts</li> <li>Reversible reactions</li> <li>Equilibrium</li> </ul>	<b>Physics (C)</b> <ul style="list-style-type: none"> <li>Scalar and vectors</li> <li>Contact and non-contact forces</li> <li>Gravity and resultant forces</li> <li>Moments, levers and gears</li> <li>Motion</li> <li>Acceleration</li> <li>Newtons laws</li> <li>Stopping distances</li> <li>Reaction times</li> </ul>	<b>Geography (O)</b> <ul style="list-style-type: none"> <li>Investigating physical environments: rivers</li> <li>Planning fieldwork</li> <li>Fieldwork methods</li> <li>Data presentation</li> <li>Analysing and explaining data</li> </ul>	<b>History (O)</b> <ul style="list-style-type: none"> <li>Limitations of Medieval surgery</li> <li>Public health in Medieval towns</li> <li>Conditions in monasteries and abbeys</li> <li>The Black Death</li> <li>Vesalius</li> <li>The Great Plague</li> <li>Hospitals in the 18<sup>th</sup> Century</li> <li>John Hunter</li> <li>Jenner and small pox</li> </ul>	<b>French (O)</b> <ul style="list-style-type: none"> <li>Describing where you live, the weather and transport</li> <li>Talking about a town and asking the way</li> <li>Describing a region</li> <li>Discussing what to see and do</li> <li>Discussing plans and the weather</li> </ul>	<b>RE (O)</b> <ul style="list-style-type: none"> <li>Human rights and social justice – individuals &amp; organisations that campaign for human rights</li> <li>Censorship and extremism</li> <li>Religious discrimination</li> <li>Marriage &amp; divorce</li> <li>Role of the family</li> <li>Interfaith marriage</li> <li>Sex &amp; same sex relationships</li> </ul>	<b>GCSE PE (O)</b> <ul style="list-style-type: none"> <li>Applied anatomy and physiology</li> <li>Structure and function of the musculoskeletal system</li> <li>Structure and function of the cardio-respiratory system</li> <li>Football</li> </ul>	<b>CNAT PE (O)</b> <ul style="list-style-type: none"> <li>User groups who participate in sport</li> <li>Barriers which affect participation in sport</li> <li>Solutions to barriers affecting participation in sport</li> <li>Positive and negative impacts on sport popularity in UK</li> </ul>
<b>Mr Bird</b>		<b>Miss Wright</b>	<b>Mrs Poddington</b>			<b>Mrs Bradley</b>	<b>Mr Rainsley</b>	<b>Mr Machard</b>	<b>Miss Holliday</b>	<b>Miss Smith</b>	<b>Mr Gebbie</b>
<b>Art (O)</b>	<b>Photography (O)</b>	<b>Food (O)</b>	<b>CNAT Engineering (O)</b>	<b>Additional Maths (O)</b>	<b>Computer Science (O)</b>	<b>ICT (O)</b>	<b>Business Studies (O)</b>	<b>Child Care (O)</b>	<b>Health &amp; Social Care (O)</b>	<b>Music (O)</b>	<b>Personal Development (C)</b>
<ul style="list-style-type: none"> <li>Architecture</li> <li>Combining distorted self and architecture</li> <li>Drawing</li> <li>Analysis if context</li> <li>Proportion</li> <li>Observation</li> <li>Colour theory</li> <li>Composition</li> <li>Mixed media</li> <li>Photoshop</li> <li>Typography</li> <li>Graphic design</li> </ul>	<ul style="list-style-type: none"> <li>Architecture</li> <li>Analysis of context</li> <li>Proportion</li> <li>Observation</li> <li>Colour theory</li> <li>Composition</li> <li>Mixed media</li> <li>Photoshop</li> <li>Typography</li> <li>Graphic design</li> </ul>	<ul style="list-style-type: none"> <li>Non examined assessment - Food investigation task</li> </ul>	<ul style="list-style-type: none"> <li>Non-examined assessment – make task. Students will be making their desk lamps</li> </ul>	<ul style="list-style-type: none"> <li>Prior knowledge review – manipulating algebra, ratio &amp; proportion, surds, FDP, product rule</li> <li>Factorising</li> <li>Rearranging formulae</li> <li>Completing the square</li> <li>Function notation</li> <li>Composite functions</li> <li>Domain and range</li> <li>Graphs of functions</li> </ul>	<ul style="list-style-type: none"> <li>Impacts of digital technology on wider society</li> <li>Ethical issues</li> <li>Legal issues</li> <li>Cultural issues</li> <li>Legislation relevant to computer science</li> <li>The data protection act</li> <li>Computer misuse act</li> <li>Software licences</li> </ul>	<ul style="list-style-type: none"> <li>Planning, creating, modifying and using databases</li> <li>Planning, creating, modifying and using spreadsheets</li> <li>Planning, creating, modifying and using an automated document</li> </ul>	<ul style="list-style-type: none"> <li>Organisational structures</li> <li>Why businesses have organisational structures</li> <li>How organisational structure affects how a business is managed</li> <li>Main stages in the recruitment and selection process</li> </ul>	<ul style="list-style-type: none"> <li>Developmental needs of the child</li> <li>From birth to 5 years</li> <li>Knowing how the developmental needs of the child are met</li> </ul>	<ul style="list-style-type: none"> <li>Life stages and key milestones for age groups</li> <li>PIES development across the life stages</li> <li>Factors affecting growth and development across the life stages</li> <li>How the growth and development of an individual is affected by a range</li> </ul>	<ul style="list-style-type: none"> <li>Ensemble performance</li> <li>Concerto through time</li> </ul>	<ul style="list-style-type: none"> <li>Identity and diversity</li> <li>Privilege</li> <li>Obesity and body positivity</li> <li>Fertility and reproductive health</li> </ul>
<b>Miss K Norman</b>				<b>Miss Wright</b>	<b>Ms Cooper</b>			<b>Mrs Fisher</b>		<b>Mr Newton</b>	<b>Miss Holliday</b>



The following information is a list of websites that students will be using for their studies in the different curriculum areas. These websites can be used for both revision and homework activities and can be used by students both in school and at home.

# Y11

English Language (C) English Literature (C)	Maths (C)	Biology (C)/Chemistry (C)/Physics (C)	Child Care (O)	French (O)	RE (O)	GCSE PE (O)/CNAT PE (O)
<p><a href="https://bedrocklearning.org/">https://bedrocklearning.org/</a>  <a href="https://www.youtube.com/channel/UCM2vdqz-7e4HAuzhpFuRY8w">https://www.youtube.com/channel/UCM2vdqz-7e4HAuzhpFuRY8w</a>  <a href="https://www.youtube.com/c/Clickrevision">https://www.youtube.com/c/Clickrevision</a>  <a href="https://www.youtube.com/@MrSallesTeachesEnglish">https://www.youtube.com/@MrSallesTeachesEnglish</a>  <a href="https://www.britishlibrary.cn/en/articles/">https://www.britishlibrary.cn/en/articles/</a></p>	<p><a href="https://sparxmaths.com/">https://sparxmaths.com/</a>  <a href="https://www.drfrost.org/">https://www.drfrost.org/</a></p>	<p><a href="https://www.kerboodle.com/users/login">https://www.kerboodle.com/users/login</a>  <a href="https://theeverlearner.com/">https://theeverlearner.com/</a>  <a href="https://senecalearning.com/en-GB/">https://senecalearning.com/en-GB/</a>  <a href="https://www.bbc.co.uk/bitesize/subjects/zrkw2hv">https://www.bbc.co.uk/bitesize/subjects/zrkw2hv</a>  <a href="https://23equations.com">https://23equations.com</a>  <a href="https://www.physicsandmathstutor.com/">https://www.physicsandmathstutor.com/</a>  <a href="https://getrevising.co.uk">https://getrevising.co.uk</a>  <a href="https://www.blooket.com">https://www.blooket.com</a>  <a href="https://phet.colorado.edu">https://phet.colorado.edu</a>  <a href="https://www.carousel-learning.com">https://www.carousel-learning.com</a></p>	<p><a href="https://padlet.com/spalmer88/ocr-cambridge-national-new-specification-child-development-l-ctcsltrihzt5n6d2">https://padlet.com/spalmer88/ocr-cambridge-national-new-specification-child-development-l-ctcsltrihzt5n6d2</a></p>	<p><a href="https://www.studystack.com/MyStudyStack.jsp">https://www.studystack.com/MyStudyStack.jsp</a></p>	<p><a href="https://www.bbc.co.uk/bitesize/examspecs/z68sjhv">https://www.bbc.co.uk/bitesize/examspecs/z68sjhv</a></p>	<p><a href="https://theeverlearner.com/">https://theeverlearner.com/</a>  <a href="https://padlet.com/">https://padlet.com/</a>  <a href="https://nearpod.com">https://nearpod.com</a>  <a href="https://bedrocklearning.org/">https://bedrocklearning.org/</a>  <a href="https://kahoot.com/">https://kahoot.com/</a></p>
Art (O)/Photography (O)		Geography (O)	Computer Science (O)	Health & Social Care (O)	History (O)	Personal Development (C)
<p><a href="https://www.fontspace.com/">https://www.fontspace.com/</a>  <a href="https://www.tate.org.uk/visit/tate-modern">https://www.tate.org.uk/visit/tate-modern</a>  <a href="https://pigment.shapefactory.co/">https://pigment.shapefactory.co/</a>  <a href="https://theartteacher.net/2022/08/17/marcia-baldwin/">https://theartteacher.net/2022/08/17/marcia-baldwin/</a>  <a href="https://www.britishmuseum.org/collection/a-animals/maria-sibylla-merian-pioneering-artist-flora-and-fauna">https://www.britishmuseum.org/collection/a-animals/maria-sibylla-merian-pioneering-artist-flora-and-fauna</a>  <a href="https://www.galleryinthegardens.co.uk/andrea-joseph/">https://www.galleryinthegardens.co.uk/andrea-joseph/</a>  <a href="https://theplacecollective.org/portfolio/anne-waggot-knott/">https://theplacecollective.org/portfolio/anne-waggot-knott/</a></p>		<p>Seneca - Homework &amp; Revision Platform (<a href="https://senecalearning.com">senecalearning.com</a>)  <a href="https://lizardpoint.com/geography/europe-quiz.php">https://lizardpoint.com/geography/europe-quiz.php</a>  <a href="http://www.world-geography-games.com">www.world-geography-games.com</a>  <a href="http://www.marinetraffic.com">www.marinetraffic.com</a>  <a href="https://www.gapminder.org/tools/#\$chart-type=bubbles&amp;url=v1">https://www.gapminder.org/tools/#\$chart-type=bubbles&amp;url=v1</a>  <a href="https://digimapforschools.edina.ac.uk/roam/map/schools">https://digimapforschools.edina.ac.uk/roam/map/schools</a>  <a href="https://id.blooket.com/login">https://id.blooket.com/login</a>  <a href="https://www.oldmapsonline.org/">https://www.oldmapsonline.org/</a>  <a href="https://www.bbc.co.uk/">https://www.bbc.co.uk/</a>  <a href="http://www.quizziz.com">www.quizziz.com</a></p>	<p>Know it all ninja            CS News  <a href="https://www.csnews.com/ocr-gcse">https://www.csnews.com/ocr-gcse</a></p>	<p><a href="https://padlet.com/spalmer88/camnat-hsc-new-specification-year10-2022-nt5w6gljfr5l842">https://padlet.com/spalmer88/camnat-hsc-new-specification-year10-2022-nt5w6gljfr5l842</a>  <a href="https://padlet.com/spalmer88/camnat-level-1-2-ro35-fv8hskjq1f6vqaps">https://padlet.com/spalmer88/camnat-level-1-2-ro35-fv8hskjq1f6vqaps</a></p>	<p><a href="https://www.bbc.co.uk/bitesize/subjects/zj26n39">https://www.bbc.co.uk/bitesize/subjects/zj26n39</a></p>	<p><a href="https://www.unifrog.org/">https://www.unifrog.org/</a>  <a href="https://www.prospects.ac.uk/">https://www.prospects.ac.uk/</a>  <a href="https://www.lcwc.ac.uk/">https://www.lcwc.ac.uk/</a>  <a href="https://gen2.ac.uk/">https://gen2.ac.uk/</a>  <a href="https://www.carlisle.ac.uk/">https://www.carlisle.ac.uk/</a></p>