



# Half Term 3 Subject Overviews: What your child has been learning this half term

# Y10

Head of year: Mrs B Irving



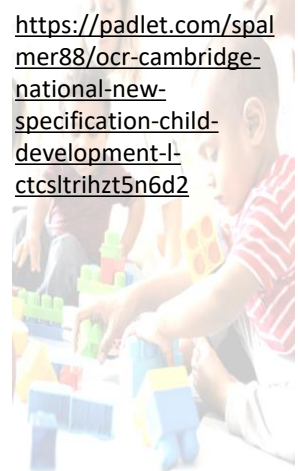

(C) Core subject (O) Option subject

English Language & English Literature (C)		Maths (C)	Biology (C)	Chemistry (C)	Physics (C)	Geography (O)	History (O)	French (O)	Spanish (O)	Religious Studies (O)
<p><u>Power and Conflict Poetry, Unseen poetry skills, descriptive writing</u></p> <ul style="list-style-type: none"> <li>Develop an informed personal response</li> <li>Use textual references to support interpretations</li> <li>Analyse the language, form and structure used by a writer</li> <li>Make critical comparisons</li> <li>Write effectively for different purposes</li> <li>Select vocabulary &amp; form which is effective for audience</li> </ul>		<ul style="list-style-type: none"> <li>Nth term</li> <li>Area &amp; perimeter of compound shapes</li> <li>Volume &amp; surface area</li> <li>Pythagoras in 2D</li> <li>Trigonometry</li> <li>Angle &amp; perpendicular bisectors</li> </ul> <p>Higher</p> <ul style="list-style-type: none"> <li>0.5absinC</li> <li>3D Pythagoras</li> <li>Loci</li> </ul>	<ul style="list-style-type: none"> <li>Communicable disease</li> <li>Pathogens</li> <li>Vaccination</li> <li>Clinical trials</li> <li>Antibodies</li> <li>Monoclonal antibodies (Biology only)</li> <li>Plant diseases</li> </ul>	<ul style="list-style-type: none"> <li>Moles</li> <li>Limiting reactants</li> <li>Concentration of solutions</li> <li>Percentage yield (Chemistry only)</li> <li>Atom economy (Chemistry only)</li> <li>Using concentrations of solutions (Chemistry only)</li> </ul>	<ul style="list-style-type: none"> <li>Mains electricity</li> <li>Domestic uses and safety</li> <li>Power</li> <li>Energy transfers in everyday appliances</li> <li>National Grid</li> <li>Static electricity (Physics only)</li> <li>Electric fields (Physics only)</li> </ul>	<ul style="list-style-type: none"> <li>Urbanisation</li> <li>Contrasting trends</li> <li>Distribution of urban population</li> <li>Factors causing the rate/degree of urbanisation Case study of a UK major city</li> <li>Case study of a major city in developing country</li> </ul>	<ul style="list-style-type: none"> <li>What caused the First World War?</li> <li>Why did the war grind into Stalemate?</li> </ul>	<ul style="list-style-type: none"> <li>Identity and culture</li> <li>Food &amp; drink</li> <li>Clothes</li> <li>Daily routine</li> <li>Healthy living</li> <li>Festivals &amp; celebrations</li> </ul>	<ul style="list-style-type: none"> <li>My personal world</li> <li>Telling the time</li> <li>Daily routine</li> <li>Making plans &amp; arrangements</li> </ul>	<ul style="list-style-type: none"> <li>The night of pwer</li> <li>Angels</li> <li>The after life</li> <li>Judgement</li> <li>Predestination</li> <li>Forms of worship</li> <li>The importance of prayer</li> <li>The sacraments</li> <li>Baptism</li> <li>The Eucharist</li> </ul>
Mr Bird		Miss Wright	Mrs Poddington			Mrs Bradley	Mr Rainsley	Mr Machard	Mrs Fox	Miss Holliday
GCSE PE (O)	Core PE (C)	Art (O)	Food (O)	Computer Science (O)	WJEC ICT (O)	Additional Maths (O)	Child Care (O)	Health & Social Care (O)	Music (O)	Personal Development (C)
<ul style="list-style-type: none"> <li>Sport psychology</li> <li>Anaerobic &amp; aerobic exercise</li> <li>Coursework – analysis – COF strength &amp; weakness</li> </ul>	<ul style="list-style-type: none"> <li>Cross-country</li> <li>Fitness</li> <li>Basketball</li> <li>Rugby</li> </ul>	<ul style="list-style-type: none"> <li>Distorted self</li> <li>Portrait drawing – Anna Bregman</li> <li>Mixed media artist – Anna Higgle</li> <li>Drawing</li> <li>Analysis of context</li> <li>Proportion</li> <li>Observation</li> <li>Colour theory</li> <li>Composition</li> <li>Mixed media</li> <li>Use of Photoshop</li> <li>Collage</li> <li>Painting</li> </ul>	<ul style="list-style-type: none"> <li>The reasons why food is cooked</li> <li>Methods of heat transfer</li> <li>Appropriate preparation methods</li> <li>Proteins</li> <li>Carbohydrates</li> <li>Fats &amp; oils</li> <li>Fruit &amp; vegetables</li> <li>Raising agents</li> </ul>	<ul style="list-style-type: none"> <li>Secondary storage</li> <li>Common types</li> <li>Suitability</li> <li>The advantages/disadvantages</li> <li>Capacity</li> <li>Units of storage</li> <li>Conversion to binary format</li> <li>Data capacity</li> <li>Adding two binary integers</li> <li>Denary numbers to hexadecimal and vice versa</li> <li>Binary to hexadecimal and vice versa</li> </ul>	Coursework completion	<ul style="list-style-type: none"> <li>Averages from raw/grouped data</li> <li>Weighted &amp; geometric mean</li> <li>Measures of dispersion</li> <li>Scatter siagrams &amp; correlation</li> <li>Outliers</li> <li>Moving averages</li> <li>Probability</li> <li>Sample size</li> <li>Use of two way tables, sample space, tree &amp; venn diagrams</li> <li>Bias</li> </ul>	<ul style="list-style-type: none"> <li>The stages and types of play activity</li> <li>How play benefits development</li> <li>Planning play activities</li> <li>Evaluating play activities</li> </ul>	<ul style="list-style-type: none"> <li>Current public health issues &amp; the impact on society</li> <li>Factors influencing health</li> <li>Health promotion campaigns</li> <li>Deliver &amp; evaluate a health promotion campaign</li> </ul>	<ul style="list-style-type: none"> <li>Performance 'master classes'</li> <li>Record for self-assessment against criteria</li> <li>Composition: Short compositions tasks</li> <li>Short group composition tasks based on the rhythm and note patterns in the style of one of the Rhythms of the World</li> </ul>	<ul style="list-style-type: none"> <li>Careers in STEM</li> <li>Preparing for work experience</li> <li>Rights &amp; responsibilities</li> <li>International Women's Day</li> <li>Trade Unions</li> </ul>
Miss Smith		Miss Norman		Ms Cooper		Miss Wright	Mrs Fisher	Mr Newton		Miss Holliday



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.

# Y10

English Language (C) English Literature (C)	Maths (C)	Biology (C) Chemistry (C) Physics (C)	Geography (O)	French (O)	Religious Studies (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.drfrust.org/">https://www.drfrust.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>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/www.quizziz.com">https://www.bbc.co.uk/www.quizziz.com</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/z68sjh">https://www.bbc.co.uk/bitesize/examspecs/z68sjh</a></p> 
GCSE PE (O) CNAT PE (O)	Art (O)	Computer Science (O)	Child Care (O)	Health & Social Care (O)	Personal Development (C)
<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>	<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/animals/maria-sibylla-merian-pioneering-artist-flora-and-fauna">https://www.britishmuseum.org/collection/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>Know it all ninja            CS News  <a href="https://www.csnewbs.com/ocr-gcse">https://www.csnewbs.com/ocr-gcse</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://padlet.com/spalmer88/camnat-hsc-new-specification-year10-2022-nt5w6gljnr5i842">https://padlet.com/spalmer88/camnat-hsc-new-specification-year10-2022-nt5w6gljnr5i842</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.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> 