



Half Term 2 Subject Overviews: What your child will be learning this half term

Head of year: Mr L Holliday

(C) Core subject (O) Option subject

Y11

English Language (C)	English Literature (C)	Maths (C)	Biology (C)	Chemistry (C)	Physics (C)	Geography (O)	History (O)	French (O)	RE (O)	GCSE PE (O)	CNAT PE (O)
<ul style="list-style-type: none"> Identifying and interpreting explicit and implicit information from texts Selecting and synthesising evidence from different texts Analysing how writers use language and structure 	<ul style="list-style-type: none"> Shakespeare and Christmas Carol Writer's message/intention Language structure and techniques, characterisation Track themes/analyse key ideas Significance of social/historical context Write critically Significance of Shakespeare 	<ul style="list-style-type: none"> Prime factors, HCF, LCM Powers & roots Standard form Angles in a triangle Internal & external angles of polygons Construct regular polygons Bearings Constructions <p>Higher</p> <ul style="list-style-type: none"> Surds 2D & 3D Pythagoras & trig 	<ul style="list-style-type: none"> Land use Deforestation Global warming Trophic levels (Biology only) Food security (Biology only) Farming techniques Fisheries Biotechnology Sexual & asexual reproduction Meiosis Variation Evolution 	<ul style="list-style-type: none"> Crude oil Hydrocarbons Alkanes Fractional distillation Alkenes Cracking Reactions of alkenes Alcohols Carboxylic acids Esterification Addition polymerisation Condensation polymerisation 	<ul style="list-style-type: none"> Momentum Conservation and changes in momentum Transverse & longitudinal waves Properties of waves Sound waves Waves for detection & exploration 	<ul style="list-style-type: none"> Global development Factors leading to spatial variations Strategies to reduce uneven development Case study of a developing country Economic, social and demographic processes Rapid development 	<ul style="list-style-type: none"> How effective was Medieval medicine? Why did medicine begin to improve, in the Early Modern period? Why was there a revolution in medicine, in the nineteenth century? What factors have caused progress in modern medicine? 	<ul style="list-style-type: none"> Jobs and work preferences Career choices Aspirations Hopes & wishes Importance of languages Part time jobs Work experience 	<ul style="list-style-type: none"> Christian, Muslim and humanist attitudes to: Racism Racial prejudice Contraception Gender equality Women in worship Wealth & poverty Issues of wealth & poverty Case study: Christian Aid 	<ul style="list-style-type: none"> Applied anatomy and physiology Structure and function of the musculoskeletal system Structure and function of the cardio-respiratory system 	<ul style="list-style-type: none"> User groups who participate in sport Barriers which affect participation in sport Solutions to barriers affecting participation in sport Positive and negative impacts on sport popularity in UK
Mr Bird		Miss Wright	Mrs Poddington			Mrs Bradley	Mr Rainsley	Mr Machard	Miss Holliday	Miss Smith	Mr Gebbie
Art (O)	Photography (O)	Food (O)	CNAT Engineering (O)	Additional Maths (O)	Computer Science (O)	ICT (O)	Business Studies (O)	Child Care (O)	Health & Social Care (O)	Music (O)	Personal Development (C)
<ul style="list-style-type: none"> Architecture Combining distorted self and architecture Drawing Analysis if context Proportion Observation Colour theory Composition Mixed media Photoshop Typography Graphic design 	<ul style="list-style-type: none"> Architecture Analysis of context Proportion Observation Colour theory Composition Mixed media Photoshop Typography Graphic design 	<ul style="list-style-type: none"> Non examined assessment - Food investigation task 	<ul style="list-style-type: none"> Types of research Methods of modelling Isometric drawing techniques Writing a design brief and design specification 	<ul style="list-style-type: none"> Quadratic equations Simultaneous equations Factor theorem Inequalities Indices Algebraic proof Sequences Coordinate geometry Circle theorems Pythagoras' Trigonometry Geometric proof Trig identities 	<ul style="list-style-type: none"> Principles of computational thinking Abstraction Decomposition Algorithmic thinking Structure diagrams Create, interpret, complete & refine algorithms Pseudocode Flowcharts Identify errors Trace tables 	<ul style="list-style-type: none"> Create & add tables Link tables using key fields Import data from a CSV file Check & test database functions Enhance layouts and format Use of buttons, check boxes, drop down lists Create navigation menu 	<ul style="list-style-type: none"> Financial methods; salary, wage, commission and profit sharing Motivation in the workplace Non-financial methods of motivation Benefits of increased productivity 	<ul style="list-style-type: none"> Antenatal care Preparation for birth 	<ul style="list-style-type: none"> Supporting individuals through life events Life stages Life events and their impacts on the individual Sources of support that meet individual needs 	<ul style="list-style-type: none"> Recording of performance Composition The Concerto through Time Exploration 	<ul style="list-style-type: none"> CV writing Applying for college/university Independent living Preparing for interviews GCSE revision and study skills The right career for me
Miss K Norman				Miss Wright	Ms Cooper			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.

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