



Half Term 5 Subject Overviews: What your child will be learning this half term

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Y10

(C) Core subject (O) Option subject

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"> Selecting and organising information and ideas effectively and persuasively for prepared spoken presentations Responding to spoken language Spoken Standard English 	<ul style="list-style-type: none"> Power and conflict poetry Exploring social and historical context Analysing a range of poetic forms, language and structural techniques Making critical comparisons between poems 	<ul style="list-style-type: none"> Histograms Cumulative frequency graphs Scatter graphs for bivariate data Scale factors, scale diagrams and maps Standard circle theorems Calculating arc lengths 	<ul style="list-style-type: none"> Photosynthesis Limiting factors Aerobic respiration Anaerobic respiration Response to exercise Metabolism 	<ul style="list-style-type: none"> Neutralisation Soluble salts pH scale Titration Strong and weak acids Electrolysis Exothermic reactions Endothermic reactions Reaction profiles 	<ul style="list-style-type: none"> Structure of the atom Models of the atom Radioactive decay Nuclear equations Half life and random nature of radioactive decay Background radiation 	<ul style="list-style-type: none"> Weather hazards and climate change Features of global atmospheric circulation How global climate can change Causes and evidence for natural climate change The UK's distinct climate 	<ul style="list-style-type: none"> Germany's Golden Age Depression and the rise of the Nazis How Hitler became Chancellor How Hitler eliminated his opposition The Night of the Long Knives The impact of war 	<ul style="list-style-type: none"> Describing a town and asking the way Describing a region Discussing what to see and do Discussing plans and the weather Describing community projects 	<ul style="list-style-type: none"> Roles of men and women in the family How families relate to religion The nature and purpose of marriage Marriage ceremonies Christmas and Easter festivals Role of the Church in local communities 	<ul style="list-style-type: none"> Energy use, diet, nutrients and hydration Sedentary lifestyle, obesity and somatotypes Classification of skills Musculoskeletal system Planes and axes Cardio-respiratory system Athletics 	<ul style="list-style-type: none"> Organisation of a sports activity session Safety considerations when organising and activity Objectives to meet the need of the group
Mr Bird d.bird@netherhall.cumbria.sch.uk		Miss Wright a.wright@netherhall.cumbria.sch.uk	Mrs Poddington c.poddington@netherhall.cumbria.sch.uk			Mrs Bradley r.bradley@netherhall.cumbria.sch.uk	Mr Rainsley m.rainsley@netherhall.cumbria.sch.uk	Mr Machard l.machard@netherhall.cumbria.sch.uk	Miss Barcock l.barcock@netherhall.cumbria.sch.uk	Miss Adam j.adam@netherhall.cumbria.sch.uk	Mr Gebbie d.gebbie@netherhall.cumbria.sch.uk
Art (O)	Photography (O)	Graphics (O)	Food (O)	CNAT Engineering (O)	Computer Science (O)	WJEC ICT (O)	Business Studies (O)	CNAT Child Care (O)	CNAT Health & Social Care (O)	Music (O)	Personal Development (C)
<ul style="list-style-type: none"> Architecture Drawing Analysis of context Proportion Observation Colour theory Composition Mixed media Collage Painting 	<ul style="list-style-type: none"> Architecture Photoshoots Portraiture Analysis of context Proportion Colour theory Composition Mixed media Collage Print making 	<ul style="list-style-type: none"> Editorials Brand identity Presentation Colour theory Composition Use of illustrator and photoshop 	<ul style="list-style-type: none"> Food choice This half term you will be cooking: <ul style="list-style-type: none"> Lemon meringue pie Panna cotta Sticky ginger muffins Chocolate cake Apple pie Chocolate mousse 	<ul style="list-style-type: none"> Manual production of engineering drawings Use of CAD Product analysis Product disassembly 	<ul style="list-style-type: none"> Components of a computer system Purpose and functionality of operating systems The purpose and functionality of utility software Data compression LAN WAN NIC 	<ul style="list-style-type: none"> Planning and designing a database Justification for field types Justification of validation rules Creating and adding tables Creating a primary key Error messages Importing data from a CSV Assigning correct data types 	<ul style="list-style-type: none"> Human resources Internal organisational structures Span of control Chain of command Understanding different job roles and responsibilities Impact of organisational structures 	<ul style="list-style-type: none"> NEA completion and submission The structure and function of the reproductive systems 	<ul style="list-style-type: none"> Supporting individuals through life events Life stages Impacts of life events Sources of support 	<ul style="list-style-type: none"> Film music exploration of how music can create a mood or emotion Exploring different styles Performance master class Group performances and compositions 	<ul style="list-style-type: none"> Conflict management Forced and arranged marriage Harassment and stalking Revenge porn Relationships with role models
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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)	CNAT 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/exams/pecs/z68sjhv</p>	<p>https://theeverlearner.com/ https://padlet.com/ https://nearpod.com https://bedrocklearning.org/ https://kahoot.com/</p>
Art (O)/Photography (O)/Graphics (O)		Geography (O)	Computer Science (O)	CNAT 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-nt5w6gljnr5l842 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>