



Half Term 3 Subject Overviews: What your child will be learning this half term

Head of year: Mr L Holliday (l.holliday@netherhall.cumbria.sch.uk)

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"> Descriptive writing Analysing language, form and structure used by a writer to create meanings and effects Developing informed personal responses using textual references 	<ul style="list-style-type: none"> Power and conflict poetry Making critical comparisons between poems Unseen poetry skills Developing informed personal responses using textual references 	<ul style="list-style-type: none"> Finding the nth term Generating terms in a sequence Area and perimeter of polygons Trigonometry and exact values for sin, cos and tan Triangle constructions Perpendicular bisectors 	<ul style="list-style-type: none"> Communicable diseases Pathogens Vaccinations Clinical tests Antibodies Monoclonal antibodies Plant diseases 	<ul style="list-style-type: none"> Polymers Properties of metals and alloys Diamond, graphite and graphene Nanoparticles Balancing equations Percentage yield Atom economy Limiting reactants 	<ul style="list-style-type: none"> Electrical energy transfers Mains electricity Power Investigating the I-V characteristics of bulbs, diodes and resistors Electrical energy transfers Electrical fields Static charges The National Grid 	<ul style="list-style-type: none"> Changing cities Urbanisation as a global process How UK urbanisation varies Major UK case study: how the context of the chosen city influences its functions and structure 	<ul style="list-style-type: none"> The Gallipoli campaign The war at sea The war in the air The war in the wider world Changes in alliances Impact of new tactics and technology Ludendorff's Spring Offensive The home front The end of the war 	<ul style="list-style-type: none"> Talking about food and meals Discussing shopping for clothes Describing daily life Describing family celebrations Describing festivals and traditions 	<ul style="list-style-type: none"> The five pillars of Islam Shahadah Salah Zakah Sawm Sin The after life Heaven Hell Purgatory Judgement 	<ul style="list-style-type: none"> Skill and ability Classification of skills Types of goals and SMART targets Information processing and applying to sport Badminton Fitness Basketball 	<ul style="list-style-type: none"> Practical performances in sporting activities Strengths and weaknesses of sports performance 				
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		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"> Distorted self project Drawing Analysis of context Proportion Observation Colour theory Composition Mixed media Collage Painting 	<ul style="list-style-type: none"> Distorted self project Photoshoots Portraiture Analysis of context Proportion Colour theory Composition Mixed media Collage Print making 	<ul style="list-style-type: none"> Rebranding and the design process Brand identity Presentation Colour theory Composition Use of illustrator and photoshop 	<ul style="list-style-type: none"> Food nutrition and health This half term you will be cooking: Chelsea buns Chicken curry Fish pie Pasta making: tagliatelle Pasta making: Ravioli 	<ul style="list-style-type: none"> Manual production of engineering drawings Use of CAD Product analysis Product disassembly 	<ul style="list-style-type: none"> Common types of storage Advantages and disadvantages of different storage devices Data capacity and calculation of data capacity Converting denary into binary Binary shifts 	<ul style="list-style-type: none"> Risks to information held on computers Accidental damage Unintended disclosure Malicious software Biometrics Disaster recovery Moral and ethical issues effecting computer use GDPR DPA Cookies and data collection 	<ul style="list-style-type: none"> Job and flow production methods Efficiency in production: JIT Managing stock using JIT Factors affecting the choice of suppliers Procurement and logistics Quality of service 	<ul style="list-style-type: none"> Expected development norms Ways to observe and record the development of a child Preconception health and reproduction 	<ul style="list-style-type: none"> The importance of a healthy society Public health challenges Benefits of health promotion campaigns 	<ul style="list-style-type: none"> Rhythms of the World Exploring different styles Performance master class Group performances and compositions 	<ul style="list-style-type: none"> Choosing careers Employability skills CV Careers in STEM Preparing for work experience Rights and responsibilities International womens day 				
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