



Half Term 4 Subject Overviews: What your child will be learning this half term

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Y13

English Language	English Literature	Maths (Pure)	Maths (Applied)	Biology	Chemistry	Physics	Applied Science	Geography	History
<ul style="list-style-type: none"> Language, the individual and society How language creates meaning and representations Child language development NEA language investigation Global English and opinion based writing 	<ul style="list-style-type: none"> Othello NEA coursework component How playwrights use dramatic forms to shape meaning in drama texts and evoke audience responses Making connections between a range of literary texts and exploring relationships between texts Romantic poetry 	<ul style="list-style-type: none"> Numerical methods Integration Vectors 	<ul style="list-style-type: none"> Application of forces Further kinematics 	<ul style="list-style-type: none"> Biotic and abiotic factors in ecosystems Biomass transfers Nutrient cycles Succession Cloning plants Micropropagation Cloning animals SCNT Using microorganisms in biotechnological processes Using microorganisms in food production Aseptic techniques Growth curves 	<ul style="list-style-type: none"> Cell potentials Electrode potentials Fuel cells Carbon 13 NMR High resolution proton NMR Use of TMS Interpreting chromatograms Qualitative analysis of functional groups 	<ul style="list-style-type: none"> Specific heat capacity Internal energy Kinetic theory and ideal gas equation Relationship between pressure and volume of gas Black body radiators, Stefan's Law and Wein's Law 	<ul style="list-style-type: none"> Unit 2 Completion and improvement of aspect 2D Astrophysics Unit 3 Practical biology Practical chemistry Practical physics 	<ul style="list-style-type: none"> Completion of fieldwork Coasts and hazards Global systems Carbon cycle 	<ul style="list-style-type: none"> The maintenance of political stability The role of local and central authorities The Crown The Church Nobility Gentry Popular attitudes towards authority
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
Art	Photography	PE	ICT	RE	French	Personal Development	Music	CNAT Health & Social Care (Single)	CNAT Health & Social Care (Double)
<ul style="list-style-type: none"> Student led project Personal portfolio Drawing Analysis of context Proportion Observation Colour theory Composition Mixed media Use of photoshop Typography Graphic design 	<ul style="list-style-type: none"> Student led project Personal portfolio Analysis of context Proportion Observation Colour theory Composition Mixed media Use of photoshop Typography Graphic design 	<ul style="list-style-type: none"> Performance levels Sports initiatives Funding and investment NGB's Promotion methods Accountability Financial gain Applying skills, technique and tactics to individual and team sports 	<ul style="list-style-type: none"> Understand where information is held globally and how it is transmitted Understand the styles, classification and the management of global information The legal and regulatory framework governing the storage and use of global information The process flow if information Information styles 	<ul style="list-style-type: none"> Logical positivism Wittgenstein Development of contemporary multi-faith societies Christian responses The rise of secularism The nature and role of the conscience Freud Aquinas 	<ul style="list-style-type: none"> Life in Vichy France The treatment of Jews in occupied France Everyday life in occupied France Marshal Petain and life in Vichy France The role of propaganda played in the National Revolution Resistance movements in France 	<ul style="list-style-type: none"> Culture wars and media influence Callout culture Cultural appropriation Tolerating intolerance Online subcultures and extremism 	<ul style="list-style-type: none"> Performance preparatory work Composition Researching the board set brief Development of understanding of Bebop and Cool Jazz 	<ul style="list-style-type: none"> Nutrition and diet guidelines Understanding the functions of nutrients Understanding the factors that influence nutritional health Make recommendations to improve nutritional health Dementia types 	<ul style="list-style-type: none"> Promoting positive behaviour Reactive and restrictive interventions Types causes and effects of mental health conditions Supporting mental health conditions
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