



# Half Term 3 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"> <li>Language, the individual and society</li> <li>How language creates meaning and representations</li> <li>Child language development</li> <li>NEA language investigation</li> <li>Global English and opinion based writing</li> </ul>	<ul style="list-style-type: none"> <li>Othello</li> <li>NEA coursework component</li> <li>How playwrights use dramatic forms to shape meaning in drama texts and evoke audience responses</li> <li>Making connections between a range of literary texts and exploring relationships between texts</li> <li>Romantic poetry</li> </ul>	<ul style="list-style-type: none"> <li>Parametric equations</li> <li>Trigonometric modelling</li> </ul>	<ul style="list-style-type: none"> <li>Forces and friction</li> <li>Projectiles</li> </ul>	<ul style="list-style-type: none"> <li>Receptors and nerve impulses</li> <li>Converting stimuli</li> <li>Structure of neurones and their effects</li> <li>Regulating gene expression</li> <li>Genetic control of body plans</li> <li>Mitosis and apoptosis</li> <li>Cloning plants and animals</li> <li>SCNT</li> <li>Aseptic techniques</li> </ul>	<ul style="list-style-type: none"> <li>Lattice enthalpy</li> <li>Ionic charge effect</li> <li>Using oxidising and reducing agents</li> <li>Oxidation numbers</li> <li>Redox titrations</li> <li>Electrode potentials</li> <li>Condensation polymerisation</li> <li>Acid-base hydrolysis</li> <li>C-C bond formation</li> <li>C≡N bond formation</li> <li>Reaction of nitriles</li> <li>Friedel-Crafts</li> </ul>	<ul style="list-style-type: none"> <li>Stefan-Boltzman and Wiens Laws</li> <li>Stellar classification</li> <li>Hertzprung-Russell diagrams</li> <li>Stellar evolution</li> <li>Background radiation</li> <li>Properties of radiation</li> <li>Absorption of gamma radiation</li> <li>Trigonometric parallax</li> <li>Variable stars</li> <li>Fate of the universe</li> <li>Electric circuits</li> </ul>	<ul style="list-style-type: none"> <li>Unit 2</li> <li>Completion and improvement of aspect 2D</li> <li>Astrophysics</li> <li>Unit 3</li> <li>Variable</li> <li>Graphical representations</li> <li>Validity in science</li> <li>Peer reviews</li> <li>Practical biology</li> <li>Practical chemistry</li> </ul>	<ul style="list-style-type: none"> <li>Completion of fieldwork</li> <li>Coasts and hazards</li> <li>Global systems</li> <li>Carbon cycle</li> </ul>	<ul style="list-style-type: none"> <li>The impact of the disturbances upon Tudor governments and their response to the threat of disorder</li> <li>Initial responses, pre-emptive measures, pardons, the raising of troops, military confrontation, trials and retribution</li> <li>The extent to which rebellions presented a serious threat to the government</li> </ul>
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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"> <li>Student led project</li> <li>Personal portfolio</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>Typography</li> <li>Graphic design</li> </ul>	<ul style="list-style-type: none"> <li>Student led project</li> <li>Personal portfolio</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>Typography</li> <li>Graphic design</li> </ul>	<ul style="list-style-type: none"> <li>Sporting initiatives</li> <li>Target areas</li> <li>R=Target audiences</li> <li>Public awareness</li> <li>Social needs</li> <li>Funding and investment</li> <li>Promotional methods</li> <li>Goal setting</li> <li>Sequencing activities</li> <li>Mental capabilities</li> <li>Applying skills, technique and tactics to individual and team sports</li> </ul>	<ul style="list-style-type: none"> <li>Understand where information is held globally and how it is transmitted</li> <li>Understand the styles, classification and the management of global information</li> <li>The legal and regulatory framework governing the storage and use of global information</li> <li>The process flow if information</li> <li>Information styles</li> </ul>	<ul style="list-style-type: none"> <li>The nature and attributes of God</li> <li>Omnipotence</li> <li>Omniscience</li> <li>Divine power and self imposed limitation</li> <li>Divine benevolence and just judgement</li> <li>Contemporary Christian theology of religion on exclusivism, inclusivism and pluralism</li> </ul>	<ul style="list-style-type: none"> <li>Life in Vichy France</li> <li>The treatment of Jews in occupied France</li> <li>Everyday life in occupied France</li> <li>Marshal Petain and life in Vichy France</li> <li>The role of propaganda played in the National Revolution</li> <li>Resistance movements in France</li> </ul>	<ul style="list-style-type: none"> <li>Climate change</li> <li>Toxic and positive masculinity</li> <li>Emotional wellbeing</li> <li>Drugs, festivals and parties</li> <li>Sexual health: STIs</li> <li>Healthy diets: BMI, food pyramids and eating well</li> </ul>	<ul style="list-style-type: none"> <li>Performance preparatory work</li> <li>Composition</li> <li>Researching the board set brief</li> <li>Development of understanding of Bebop and Cool Jazz</li> </ul>	<ul style="list-style-type: none"> <li>Nutrition and diet guidelines</li> <li>Understanding the functions of nutrients</li> <li>Understanding the factors that influence nutritional health</li> <li>Make recommendations to improve nutritional health</li> <li>Dementia types</li> </ul>	<ul style="list-style-type: none"> <li>Promoting positive behaviour</li> <li>Reactive and restrictive interventions</li> <li>Types causes and effects of mental health conditions</li> <li>Supporting mental health conditions</li> </ul>
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