



Half Term 1 Subject Overviews: What your child has been learning this half term

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Y12

English Language	English Literature	Maths (Pure)	Maths (Applied)	Biology	Chemistry	Physics	Applied Science	Geography	History
<ul style="list-style-type: none"> Identifying and applying appropriate methods of language analysis Exploring connections in texts Exploring how language is shaped according to audience, purpose, genre and mode Demonstrating critical understanding of concepts and issues relevant to language 	<ul style="list-style-type: none"> Frankenstein Poems of the decade Understanding features of genre and conventions in poetry Understanding different ways of reading texts How writers use and adapt language, form and structure in texts 	<ul style="list-style-type: none"> The laws of indices Negative and fractional indices Polynomials, expanding brackets and collecting like terms Factorising Surds Solving quadratic equations by factorising Quadratic functions and their graphs 	<ul style="list-style-type: none"> Fundamental quantities and units Using derived quantities and units The differences between position, displacement and distance Differences between velocity and speed Understanding the concept of a mathematical model 	<ul style="list-style-type: none"> Microscopy Cell structure Magnification and resolution Ultrastructure of eukaryotes Protein synthesis Biomolecules Protein structure Saccharides Amino acids Quantitative analysis 	<ul style="list-style-type: none"> Isotopes Atomic structure RAM Ionic formulae Balancing equations Avagadros number Empirical formulae Stoichiometric relationships Electron configuration Disproportionation Periodic table Ionisation energies 	<ul style="list-style-type: none"> Graph and data skills Motion graphs Suvat equations Projectile motion Newtons Laws Momentum Kinetic energy calculations Electrical energy transfer Current and voltage Resistivity Conduction and resistance 	<ul style="list-style-type: none"> History of the microscope Preparing biological slides Magnification Periodic table RAM Electronic structure Preparing standard solutions Transverse and longitudinal waves Measuring wave speed Superposition of wave 	<ul style="list-style-type: none"> Coasts as natural systems Systems and processes Coastal landscape development Water and carbon cycle Nature and the importance of places 	<ul style="list-style-type: none"> Churchill Churchills view of events 1929-1934 Why Churchill was out of office Churchills attitude to the abdication, the Empire and India Churchill as a wartime Prime Minister The bombing of Germany and the loss of the war in Europe
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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"> A sense of place Portraiture Landscapes Drawing Analysis of context Proportion Observation Colour theory Composition Mixed media Photoshop Typography Graphic design 	<ul style="list-style-type: none"> Induction project Portrait Landscapes Analysis of context Photoshoots Editing digitally and by hand Colour theory Photoshop Typography Graphic design 	<ul style="list-style-type: none"> Skeletal functions Types of bones Applying skills Roles within jobs First aid techniques and tactics to an individual sport Applying skills techniques and tactics to a team sport 	<ul style="list-style-type: none"> Understanding computer hardware Input devices Output devices Communications devices Benefits and limitations Types of software Open and closed source Bespoke Embedded Applications software Productivity software Business software 	<ul style="list-style-type: none"> Philosophy views of Plato Understanding of reality The Forms Analogy of the cave Philosophical views of Aristotle Developing Christian thought Human relationships pre and post Fall Original Sin and its effects on the will and human societies God's grace 	<ul style="list-style-type: none"> Different types of modern family Changes in relationship and marriage Concerns and problems within the family French educational system Expectations of pupils and how they deal with them 	<ul style="list-style-type: none"> Class A drugs – dangers and addictions Class B drugs – dangers and addictions Class C drugs – dangers and addictions Relaxation – identifying ways to relax and destress healthily 	<ul style="list-style-type: none"> The set musical works of Haydn, Beethoven and Mozart Classical instrumental music Concert overture Symphonic poem Programme symphony Soloworks 	<ul style="list-style-type: none"> Understanding the concepts of equality, diversity and rights and how these are applied in context The impact of discriminatory practices on individuals in health, social care and child care environments Current legislations and national incentives 	As single but also includes: <ul style="list-style-type: none"> Understanding infection control Explaining how risks associated with poor infection control are different for health and social care Understanding the role of a health and social care worker in controlling infection
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