



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

Head of year: Mrs Tunstall

Y12

English Literature	Maths (Pure)	Maths (Applied)	Biology	Chemistry	Physics	Applied Science	Geography	History
<ul style="list-style-type: none">FrankensteinPoems of the decadeUnderstanding features of genre and conventions in poetryUnderstanding different ways of reading textsHow writers use and adapt language, form and structure in texts	<ul style="list-style-type: none">The laws of indicesNegative and fractional indicesPolynomials, expanding brackets and collecting like termsFactorisingSurdsSolving quadratic equations by factorisingQuadratic functions and their graphs	<ul style="list-style-type: none">Fundamental quantities and unitsUsing derived quantities and unitsThe differences between position, displacement and distanceDifferences between velocity and speedUnderstanding the concept of a mathematical model	<ul style="list-style-type: none">MicroscopyCell structureMagnification and resolutionUltrastructure of eukaryotesProtein synthesisBiomoleculesProtein structureSaccharidesAmino acidsQuantitative analysis	<ul style="list-style-type: none">IsotopesAtomic structureRAMIonic formulaeBalancing equationsAvagadros numberEmpirical formulaeStoichiometric relationshipsElectron configurationDisproportionationPeriodic tableIonisation energies	<ul style="list-style-type: none">Measurements & uncertaintiesVelocity and accelerationMotion graphsVectors & resolving vectorsMomentsNewton's laws of motionSuvat equationsProjectilesWork and powerMomentum	<ul style="list-style-type: none">History of the microscopePreparing biological slidesMagnificationPeriodic tableRAMElectronic structurePreparing standard solutionsTransverse and longitudinal wavesMeasuring wave speedSuperposition of wave	<ul style="list-style-type: none">Systems approach to geographyWater cycleCarbon cycleClimate changeChanging places	<ul style="list-style-type: none">ChurchillChurchills view of events 1929-1934Why Churchill was out of officeChurchills attitude to the abdication, the Empire and IndiaChurchill as a wartime Prime MinisterThe bombing of Germany and the loss of the war in Europe
Mr Barlow	Miss Wright	Mrs Poddington					Mrs Bradley	Mr Rainsley
Art	CAMB TECH PE	A LEVEL PE	ICT	Sociology	French	Personal Development	Music	Health & Social Care
<ul style="list-style-type: none">A sense of placePortraitureLandscapeDrawingAnalysis of contextProportionObservationColour theoryCompositionMixed mediaPhotographyPhotoshopTypographyGraphic design	<ul style="list-style-type: none">Skeletal functionsTypes of bonesApplying skillsRoles within jobsFirst aid techniques and tactics to an individual sportApplying skills techniques and tactics to a team sport	<ul style="list-style-type: none">Musculoskeletal systemNeuromuscular systemSkill, skill continuums and transfer of skillsPractice for learningPre-industrial sport	<ul style="list-style-type: none">Understanding computer hardwareInput devicesOutput devicesCommunications devicesBenefits and limitationsTypes of softwareOpen and closed sourceBespokeEmbeddedApplications softwareProductivity softwareBusiness software	<ul style="list-style-type: none">Families and householdsFunctionalismMarxismFeminist views	<ul style="list-style-type: none">Different types of modern familyChanges in relationship and marriageConcerns and problems within the familyFrench educational systemExpectations of pupils and how they deal with them	<ul style="list-style-type: none">Class A drugs – dangers and addictionsClass B drugs – dangers and addictionsClass C drugs – dangers and addictionsRelaxation – identifying ways to relax and destress healthily	<ul style="list-style-type: none">The set musical works of Hayden, Beethoven and MozartClassical instrumental musicConcert overtureSymphonic poemProgramme symphonySoloworks	<ul style="list-style-type: none">Relationships in HSC or child care environmentsFactors that influence the building of relationshipsThe cardiovascular system, malfunctions and their impact on individualsThe respiratory system, malfunctions and their impact on individualsTypes of dementia and the impact of diagnosis on individualLegislation and frameworks which support the care of individuals with dementia
Miss Norman	Miss Smith	Ms Cooper		Miss Holliday	Mr Machard	Miss Holliday	Mr Newton	Mrs Fisher