

WOODBRIDGE HIGH SCHOOL

Curriculum Booklet for Students and Parents Year 13









2017-18





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Dear Parent

This booklet provides you with details of the curriculum which your son / daughter will follow in year 13 at Woodbridge High School. It will allow you to help them plan their studies and revision, and gives you suggested examples of wider reading and extension activities to try at home. The equipment which your son / daughter will need is indicated, along with some ways in which parents can help students with their studies.

Please do not hesitate to contact me should you have any questions about the school's curriculum as a whole, and individual teachers or heads of department if your queries are subject specific. They can we contacted using the email addresses which are in the 'Contact Us' section of the school's website.

I hope that you will find this information useful.

Steven Hogan

Deputy Headteacher: Curriculum shogan@woodbridge.redbridge.sch.uk

Woodbridge High School Curriculum Overview Year 13 – Art & Design





	Curriculum Content
Half Term	Unit 3: Personal investigation – A practical unit supported by a 1000-3000 word essay
1	Students guided through the selection of an appropriate starting point for personal inquiry/
(Sep - Oct)	investigation.
	Plan project – what are you investigating or inquiring about and what do you aim to achieve at the end of
	the project. Complete first draft of essay introduction.
	Complete a wide range of high quality observations, photographs and visit places of interest.
	Select relevant artists, crafts people, designers to investigate. Critically analyse their work.
11.16.	Begin initial development of ideas.
Half Term	Reflect and act upon feedback.
2	Thorough development of ideas looking at additional artists and sustaining investigations.
(Nov-Dec)	Exploration of media, materials and techniques.
	Review and evaluate work through annotations and use this to direct further investigations.
11.16=	Re-visit initial observations – complete additional ones where necessary.
Half Term	Begin to narrow focus of ideas and sustain investigation that will lead to final outcome.
3	First and second draft of essay main body.
(Jan-Feb)	Reflect and act upon feedback.
	Plan and prepare for final outcome.
Half Term 4	 Conclude essay, hand in whole draft and act upon feedback before submitting final version including bibliography.
	Identify areas that require improvement and discuss with teacher. Work on these last targets before
(Feb-Mar)	concluding project.
	Complete final piece of work to conclude personal investigation.
Half Term	Unit 4: Externally set assignment – A practical unit set by the exam board. 15 hour exam at the end.
5	Students given exam paper and will choose one topic from the five options available.
(Apr-May)	Complete a wide range of high quality observations, photographs and visit places of relevance to the
	topic.
	Select relevant artists, crafts people, designers to investigate. Critically analyse their work.
	Begin initial development of ideas and thorough experimentation of materials, techniques and
	processes.
	Narrow focus of ideas and sustain investigation that will lead to final outcome.
	Review and refine final ideas.
	EXAM: 15 hours - complete final outcome to conclude the exam unit.

Additional and extension extracurricular reading or activities: Students are expected to broaden their contextual knowledge and visit galleries regularly. Such as the Saatchi Gallery, Tate Britain & Tate Modern, National Portrait gallery, Royal Academy of Arts, Barbican gallery, Whitechapel gallery, Serpentine gallery, Somerset house, Hayward gallery. Students should also visit places of interest that can provide first hand source materials such as the Natural History museum, V&A, British museum, museum of childhood, Science museum and the museum of brands, packaging and advertising Useful websites: www.art2day.co.uk www.pinterest.com www.pinterest.com

Everenies of Henry	Displayed course and a photo cheet in proporation for location complete characteristics.
Examples of Home	Plan and carry out a photo shoot in preparation for lesson, complete observational
Learning Tasks	studies in a range of media, critically analyze the work of a particular artist, essay
	draft, and annotate practical work, act upon feedback and targets to refine work.
Assessment Tasks,	Students will be formally assessed five times throughout the academic year in July,
Methods & Frequency	October, December, February and April. Grades, targets and feedback given. Students
	will receive weekly home learning. Verbal feedback will be ongoing and written
	feedback every 3 weeks. One to one tutorials will be incorporated with feedback.
Equipment That	A selection of shading pencils including a mechanical pencil, soft blending colour
Students Need	pencils, biro and fine liner pens, an A3 sketchbook, acrylic paints and brushes, water
	colours and oil pastels. Students may wish to buy an A2 or A1 portfolio to transport
	larger pieces of work to and from school or for college/ university interviews.

Who Can I Contact?	Head of Art	Mrs Ward-Mills	
	Teacher of Y13 Art	Mrs Ward-Mills	Ms Skinner

Woodbridge High School Curriculum Overview Year 13 – Biology

	Curriculum Content		
	Teacher 1	Teacher 2	
Half Term 1	Topic 5 On the Wild Side	Topic 6 Immunity, Infection & Forensics	
(Sep - Oct)	 Photosynthesis – light dependent & 	The Immune System	
	independent reactions	Specific & Non Specific Immune Response	
	Productivity of Ecosystems	Bacterial Resistance	
Half Term 2	Global Warming & Climate Change –	Protein Synthesis	
(Nov-Dec)	evidence for and impact of.	Post- Transcriptional Modification	
	Evolution – Allopatric & Sympatric	DNA Profiling	
	Speciation.	Forensic Pathology	
Half Term 3	Topic 8 Grey Matter	Topic 7 Run for Your Life	
(Jan-Feb)	Structure of The Brain & methods of	Respiration – Biochemistry of aerobic &	
	viewing the brain	anaerobic pathways.	
	Nervous System – structure of a	Skeletal Muscle – structure & contraction	
	neurone, action potential generation	Skeletal damage & repair	
Half Term 4	Synapses & Neurotransmitters The Fire	Condice Musels 9 Degulation	
(Feb-Mar)	The Eye	Cardiac Muscle & Regulation	
(i eb-iviai)	Plant sensory responses Prain Development	Homeostasis	
Half Term 5	Brain Development Brain Discorders	- Duo Dologoo Article	
(Apr-May)	Brain Disorders Mosk Evens	Pre-Release Article Most Event	
(Api-iviay)	Mock Exam Revision	Mock Exam Devicion	
Across the	 Revision During the course of Y13 you will undertake a 	Revision a further 9 para practical's those are a	
Year		generally will complete one practical per teacher	
rcai			
	per half term. Each practical assesses different core practical skills; all evidence of your work is kept within a separate practical assessment folder which demonstrates your practical		
		rill either pass or fail this component - it will not	
	The state of the s	but the methods used will be assessed within the	
	written papers. Your practical assessment folder must be completed by the end of April.		
Additional and	Each lesson on your learning schedule will have suggested tasks for extension reading. We		
extension extra-	advise all students to supplement the text book provided by the school with at least 1 other		
curricular	generic A-level Biology textbook to enable you to fully expand your class notes. Use the Biology		
reading or activities:	folder on the school Google drive to access the Maths guide, and banks of past paper		
activities.	questions.		
	The following websites may also be useful		
	c		
	http://www.biology-innovation.co.uk - video clips and revision notes for each topic		
	http://www.s-cool.co.uk/a-level/biology - revi	sion resources and exam questions	

Examples of Home Learning Tasks	Writing up core practical's, preparing presentations, summarizing journal articles, research of new topics, completing practice calculation sheets, past paper questions.
Assessment Tasks,	End of topic assessments approximately 1 every 4 weeks for each teacher.
Methods & Frequency	Assessment of presentations and practical write up's as per your learning schedule given out at the start of each topic.
Equipment That Students Need	Class Note Folder, Lined Paper, Pen, Pencil, Ruler, Calculator

Who Can I Contact?	Head of Biology	Ms Tew	
	Teachers of Y13 Biology	Ms Khudeza	Ms Tew

Woodbridge High School Curriculum Overview

Year 13 - Business Studies



	Curriculum Content		
	Teacher 1	Teacher 2	
Half Term 1 (Sep - Oct)	Mission, corporate objectives and strategy, what influences them and their impact on business strategy	Strategic direction: choosing which markets to compete in and what products to offer and how to compete	
Half Term 2 (Nov-Dec)	Analysing the internal position of a business by using financial ratio analysis and measures of overall performance	 Strategic methods: how to pursue strategies Assessing a change in scale of a business 	
Half Term 3 (Jan-Feb)	Analysing the external environment to assess opportunities and threats: political, legal, economic, social and technological change	Assessing innovation, internationalisation and the greater use of digital technology in business	
Half Term 4 (Feb-Mar)	Analysing the external environment to assess opportunities and threats: the competitive environment	Managing strategic change including organisational culture	
Half Term 5 (Apr-May)	Analysing strategic options: investment appraisal	Managing strategic implantation; the problems with strategy and why strategies fail	

Additional and
extension extra-
curricular
reading or
activities:

Wider reading: The Economist, Financial Times, Business Review
The Financial Times Guide to Business Start Up 2015 by Sara Williams

Recommended viewing: Tutor2u, TED Talks for Business

Useful Links:

http://www.tutor2u.net/ http://bbc.co.uk/business bbc radio 4: Moneybox

Examples of Home Learning Tasks	Using news articles to examine the strategic decisions of a real business Case study exam style questions: assess the impact of e-commerce in the retail sector
Assessment Tasks, Methods & Frequency	Timed in class mini essays and assessed group presentations. All final assessment in the form of several two hour exam papers
Equipment That Students Need	Pens, pencils, rulers for diagrams and calculators for finance sections

Who Can I Contact?	Head of Business	Ms James	
	Teachers of Y13	Miss Aftab	Ms James
	Business Studies		

Woodbridge High School Curriculum Overview Year 13 – Chemistry



	Curriculum Content	
	Teacher 1	Teacher 2
Half Term 1	Kinetics II	Entropy
(Sep - Oct)	• CP13 (1&2)	Equilibrium II
	• CP14	Application of Rates and Equilibrium
	 Isomerism (Chirality) 	
	 Core Practical (CP) 7 	
	Carbonyl Compounds	
Half Term 2	Carboxylic Acids and their derivatives	Acid-base Equilibria
(Nov-Dec)	 Modern Analytical Techniques, 	• CP9
	Spectroscopy and Chromatography	Lattice Energy
	• CP16	
Half Term 3	Transition Metals and d-block elements	Electrochemistry and Redox equilibria
(Jan-Feb)	• CP12	(Redox II)
	• CP15	• CP10
		• CP11
Half Term 4	Organic Nitrogen Compounds	Arenes – Benzene Compounds
(Feb-Mar)	 Organic Analysis and Synthesis 	Further Nitrogen Compound
Half Term 5	Synopticism	Synopticism
(Apr-May)	• Revision	Revision

Additional and	
extension extra-	The Edexcel website (https://qualifications.pearson.com/en/qualifications/edexcel-a-
curricular	levels/chemistry-2015.html) has the full specification and other material that should be read
reading or	by all students.
activities:	
	Other A level Chemistry textbook are available to use in school to provide
	reinforcement/different examples to help or stretch students.
	remordementy uniferent examples to help of stretch students.
	Chemistry Review Magazine.
	Royal Society of Chemistry: Chemnet magazine
	, , , , , , , , , , , , , , , , , , , ,
	Learn Chemistry website.
	Highly recommended for reinforcement, interest and revision.
	Students should keep up to date on current scientific issues in the news etc
	October 13 Should neep up to date on current scientific issues in the news etc

Examples of Home	End of chapter questions
Learning Tasks	Examination questions
	Experiment write-ups
	Looking Ahead
	Revision
Assessment Tasks,	Examinations
Methods & Frequency	Examination questions
	Core Practicals
	End of Topic tests
	Approximately two a month. Some will be peer marked for instant feedback.
Equipment That	Ring binders for notes and core practical records, tracker sheets, paper, pen, pencil,
Students Need	rubber, ruler, scientific calculator, lab coat

Who Can I Contact?	Head of Science	Ms Tew	
	Teachers of Y13	Mr Esop	Dr Pih
	Chemistry		

Woodbridge High School Curriculum Overview Year 13 – Computer Science

	Curriculum Content	
	Teacher 1	Teacher 2
Half Term 1 (Sep - Oct)	Advanced Algorithms & efficiencyBig 'O' notation	Programming Project – Design & Development
Half Term 2 (Nov-Dec)	 Recursion vs iteration Models of computation & Turing machines Intractable Problems Finite State Automata 	 Iterative Development of own software to solve a real life data processing problem Multi-table SQL & Data-definition language GUI Programming & exception handling
Half Term 3 (Jan-Feb)	 Database Normalization Object Oriented Programming Data structures - Stacks and queues 	Testing & Evaluation of Independent programming project
Half Term 4 (Feb-Mar)	Networking & CommunicationsServer-side scripting	Advanced Programming skills development for pre-release exam
Half Term 5 (Apr-May)	Revision for external examinations	Programming Exam preparation

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Additional and	AQA A Level Wikibook
extension extra-	https://en.wikibooks.org/wiki/A-level Computing/AQA
curricular	Problem Solving with Flowcharts & a little flavour of Programming with Python
reading or	Written by Achla Agarwal, Krishna Agarwal, Laura Gladrich, Mark Gladrich
activities:	How to think like a Computer Scientist – Learning with Python 3
	Written by Peter Wentworth, Jeffrey Elkner et al.
	Algorithmic Problem Solving with Python
	Written by John B Schneider, Shira Lynn Broschat, Jess Dahmen
	Problem Solving with Algorithms and Data Structures Using Python, Release 3.0
	Written by Brad Miller, David Ranum
	Modern Operating Systems, 3rd Edition
	Andrew S Tanenbaum
	The Pragmatic Programmer
	Written by Andrew Hunt
	Clean Code: A Handbook of Agile Software Craftsmanship
	Written by Robert C. Martin

Examples of Home Learning Tasks	Practice programming tasks ahead of on-screen practical exam Completion of independent project Additional reading / research around the topic, past paper examination questions
Assessment Tasks, Methods & Frequency	Independent project assessed throughout the course in sections – formative feedback provided. Regular monthly assessments set to consolidate theory tasks.
Equipment That Students Need	Pencil case, course text book (provided), pupils must bring assessment folders (provided) to all lessons. Students to provide own ring-binder to store notes

Who Can I Contact?	Head of Computing and IT	Ms Surujpaul	
	Teachers of Y13 Computer	Mr Brock-Carey	Ms Mistry
	Science		

Woodbridge High School Curriculum Overview Year 13 – Drama & Theatre Studies





September-October 2017

Component 1 (20% of qualification)

Curriculum Content

Learners participate in the creation, development and performance of one reinterpretation of an extract from a text, using the working methods and techniques of either an influential theatre practitioner or a recognised theatre company. This will be formally assessed before half-term and students will be expected to submit a creative log detailing the process, rehearsal and development of the reinterpretation. There are four steps to the assessment of this component and these are:

- Researching (Research of theatre practitioner and concept for performance)
- Developing (Rehearsal process in which ideas are bought in to fruition and adapted)
- Reflecting (Reflection of entire process in the form of a creative log)
- Realising (Assessed performance)

October 2017-March 2018

Component 2 (40% of qualification)

For the entire component students will develop two performances, one a devised piece based on the working methods of a practitioner in response to a stimulus, the other a performance of a text influenced by a style of theatre. After completing your performances, students will write a process and evaluation report on both pieces performed. This will be formally assessed in March by a visiting examiner. There are four steps to the assessment of this component and these are:

- Researching (Research of stimulus, play text, practitioner and theatrical style)
- Developing (Rehearsal process in which ideas are bought in to fruition and adapted)
- Realising (Assessed performance)
- Reflecting & Evaluating (Process report to be submitted one week after realised performance)

March- April 2108

Component 3 (40% of qualification)

In this component, learners are required to study two texts and an extract from a third contrasting text. In the exam learners are given the opportunity to demonstrate knowledge, understanding and skills in interpreting texts for performance. Revision and practice for the exam will take place alongside the development of component 2.

Additional and extension extracurricular reading or activities:

Visiting live theatre is an invaluable activity that applies to the study of drama and theatre studies and will have an impact across all components. We recommend reading any books by leading practitioners. Some examples are:

- P. Brook The Empty Space
- A. Bermel Artaud's Theatre of Cruelty
- J. Willett The Theatre of Bertolt Brecht
- S. Graham, S. Hoggett-The Frantic Assembly Book of Devising Theatre
- D. Cannon In Depth Acting
- J. Benedetti Stanislavski: An Introduction
- D. Taylor: Antigone
- S. Stephens- The Curious Incident of the Dog in the Nigh-Time
- W. Shakespeare- The Complete Works of William Shakespeare

Examples of Home	 Theatre reviews 	 Mind-mapping/ brainstorming 	
Learning Tasks	 Research tasks 	 Independent rehearsal, 	
	 Evaluations 	 Response to set questions, 	
	 Reflections, 	 Mock Exams, 	
	 Self-assessments 	 Collating notes 	
Assessment Tasks,	Component 1 Theatre Workshop: Non exam assessment, internally assessed,		
Methods & Frequency	externally moderated. (October 2017)		
	Component 2 Text in Action: Non-exam assessment, externally assessed by a visiting		
	examiner. (March 2018)		
	Component 3 Text in Performance: Written examination of 2 hours and 30 minutes		
	(Summer 2018)		
Equipment That	Log-book, pen, pencil, eraser, note-book, props and costumes, scripts, movement		
Students Need	clothes		

Who Can I Contact?	Head of Drama	Miss Pinnell	
	Teachers of Y13 Drama	Ms Cranwell	Ms Pinnell

Woodbridge High School Curriculum Overview Year 13 – Economics





	Curriculum Content		
	Teacher 1	Teacher 2	
Half Term 1 (Sep - Oct)	 Individual Economic decision making including imperfect information and behavioral economics 	Financial Markets and monetary policy including the functions of money, the money capital and foreign exchange markets.	
Half Term 2 (Nov-Dec)	 The law of diminishing returns and returns to scale and technological change Market structure, conduct and performance from perfect competition to monopolies 	 The role of financial markets in the wider economy; commercial banking and regulation of the financial system Fiscal policy and supply side policies and their use in influencing the macroeconomy 	
Half Term 3 (Jan-Feb)	 The dynamics of the competitive market process and what makes a contestable market Consumer and producer surplus- looking at welfare issues with market structures such as price discrimination 	 Free-market and interventionist supply-side policies and their impact on the macroeconomy The significance of national debt and budget responsibility 	
Half Term 4 (Feb-Mar)	The labour market- Productivity, determination of wages and the influence of trade unions, the national minimum wage and discrimination in the labour market	The international economy: Including the causes and effects of globalisation, trade and exchange rate systems	
Half Term 5 (Apr-May)	The distribution of income and wealth: poverty and inequality. Examines the measures, influences and policies related to poverty and inequality	Economic Growth and development in MEDC's and LEDC's	

Additional and	Recommended Reading:		
extension extra-	Nudge: Improving Decisions About Health, Wealth an	d Happiness by Richard H Thaler and Cass	
curricular	R Sunstein		
reading or	Paper Promises: Money, Debt and the New World Ord	der by Philip Coggan	
activities:	Losing Control: The Emerging Threats to Western Prosperity by Stephen D King		
	Recommended extracurricular visits: Bank of England, and the London School of Economics		
	which hosts open and free lectures		
	Extracurricular Lectures available online at TED Talks as well as:		
	http://www2.lse.ac.uk	http://www.sms.cam.ac.uk/	
	http://podcasts.ox.ac.uk/		
	Useful websites for Economics:		
	Economist	Institute of Fiscal Studies	
	Tutor2u	HM Treasury	

Examples of Home Learning Tasks	Analysis of current news events such as Brexit Research the impact of globalisation on a specific BRIC economy
Assessment Tasks, Methods & Frequency	Assessed exam questions- timed essays and data response case studies. Supported multiple choice questions on a fortnightly basis. Mock exam in Jan. Final exam consists of several two hour papers
Equipment That Students Need	Pens, pencils and ruler for diagrams. Calculator

Who Can I Contact?	Head of Economics	Ms James	
	Teachers of Economics	Miss Aftab	Ms lyengar

Woodbridge High School Curriculum Overview Year 13 – English Language





	Curriculum Content	
	Teacher 1	Teacher 2
Half Term 1 (Sep – Oct)	Coursework -Language Investigation	Coursework - Original Writing
Half Term 2 (Nov-Dec)	Language Investigation	Original Writing
Half Term 3 (Jan-Feb)	 Language Varieties: Return to Paper 2 Revise: Social groups, Occupational groups and Global Varieties of English 	 Language Varieties: Return to Paper 2 Revise: Gender, Dialects and Ethnicity.
Half Term 4 (Feb-Mar)	Paper 1 Section A General & Language Change Paper 2 Section A (global varieties, social groups, occupation and change) Paper2 Section B Language Change	Paper 1 Section B Acquisition Paper 2 Section A (ethnicity, gender, dialects) Paper 2 Section B - Directed writing task
Half Term 5 (Apr-May)	Exam Preparation A Level	Exam Preparation A Level

Additional and	Reading List/Wider Reading provided- essential requirement of the course.
extension extra-	
curricular	Students will be provided with a range of wider reading including essays by theorists such as Piaget
reading or	and Chomsky.
activities:	
dounted:	Students will also study concepts and approaches through wider reading of texts by researchers such as Crystal and Goddard.
	Further research can be conducted through a variety of online resources including: http://www.bl.uk/ http://www.oed.com/

Examples of Home Learning Tasks	Collecting and analysing data Close analysis of texts Directed Research- theories
Assessment Tasks, Methods & Frequency	Units will be assessed by written tasks upon completion.
Equipment That Students Need	Core text booklets Core text books

Who Can I Contact?	Head of English	Mrs Amihere	
	Teachers of Y13 English	Mrs Amihere	Mr Wingfield
	Language	Ms Geary	

Woodbridge High School Curriculum Overview Year 13 – English Literature





	Curriculum Content	Shakespeare
	Teacher 1	Teacher 2
Half Term 1	Paper 1 Section A: Othello Shakespeare	Paper 1 Section C: Wuthering Heights Bronte
(Sep - Oct)		•
Half Term 2	Paper 1 Section A: Othello Shakespeare	Paper 1 Section C: Wuthering Heights Bronte
(Nov-Dec)		
	Revision:	Revision:
	Paper 2: WW1 and its Aftermath	Paper 1 Love Through The Ages:
	 Section B-Unseen Prose 	Section C ANTHOLGY/GG/WH
	 Section B – LLW&J.E 	Paper 2: WW1 and its Aftermath
		Section A: Up the Line to Death
Half Term 3	Coursework The Picture of Dorian Gray	Coursework The Picture of Dorian Gray and
(Jan-Feb)	and second text	second text
Half Term 4	Coursework The Picture of Dorian Gray	Coursework The Picture of Dorian Gray and
(Feb-Mar)	and second text	second text
Half Term 5	Exam Preparation A2	Exam Preparation A2
(Apr-May)	Revision:	Revision:
	Paper 1: Section A Shakespeare	Paper 1 : Section B Poetry
	Paper 2: Section B Unseen prose	Paper 2: Section A Up the Line
	Paper 2 Section B LLW/JE	Paper 1 Section C ANT/WH/GG

Additional and	Compulsory Summer reading pack NEA
extension extra-	Example of extended wider reading tasks (provided in class):
curricular	*A Doll's House
reading or	*Jane Eyre
activities:	*Pride and Prejudice
	*Atonement
	*Birdsong
	*A Strange Meeting
	*Regeneration
	Places to visit: National Gallery, Stratford-Upon-Avon, National Theatre, Imperial War Museum
	www.oed.com
	http://www.bbc.co.uk/programmes/b006qykl/episodes/downloads
	https://podcasts.ox.ac.uk/

Examples of Home	Research the Gothic Period/Jazz A ge and identify important features of this genre.
Learning Tasks	Track the changes of the character and analyse their presentation.
	Annotate 'key passage' paying close attention to language, form and structure.
	Read chapters1-4 and comment on
	Wider reading underpins the course and provides challenge and stretch beyond the
	syllabus- pupils will be guided to independent reading tasks.
Assessment Tasks,	Units will be assessed by written tasks upon completion.
Methods & Frequency	
Equipment That	Core text booklets
Students Need	Folder, file dividers
	Core text books: Wuthering Heights, Great Gatsby, Pre -1900 Poetry Anthology, The
	Picture of Dorian Gray, A Long, Long Way, Up the Line to Death and Journey's End.

Who Can I Contact?	Head of English	Mrs Amihere	
	Teachers of Y13 English	Ms Boht	Ms Geary
	Literature	Ms Colman	Ms Ruzane
		Mr Drake	Mr Wingfield

Woodbridge High School Curriculum Overview Year 13 – Film Studies



	Curriculum Content	
	Teacher 1	Teacher 2
Half Term 1 (Sep – Oct)	 Coursework 1: Research project Trip to British Film Institute library Academic research Annotated bibliography 1st drafts presentation script 	 International Film Style Silent cinema – Hollywood vs. Germany and Russia in 1920s German expressionism Nosferatu (1922) Research project – FW Murnau / Fritz Lang
Half Term 2 (Nov-Dec)	 Research project presentations Final draft annotated bibliography and research project presentation scripts Coursework 2: Creative projects – Screenplay or short film 	 International Film Style Metropolis (1927) Soviet Montage Theory Battleship Potemkin (1925) Revision and exam practice for mocks
Half Term 3 (Jan-Feb)	 Screenplay or short film (continued) Critical approaches to film Auteur theory, star theory, gender studies, genre theory Pedro Almodovar and La Movida Talk To Her (2002) 	Spectatorship: Popular film and emotional response • Micro and Macro features • Techniques and devises for creating emotional response • Historical/Contextual studies • Argo (2012)
Half Term 4 (Feb-Mar)	Critical approaches to film Talk To Her (2002) critical approaches, debates and responses	Spectatorship: Popular film and emotional response The Shawshank Redemption (1994)
Half Term 5 (Apr-May)	Revision and exam practise	Revision and exam practise

Additional and extension extra- curricular reading or activities:	AS Film Studies: The Essential Introduction, Sarah Casey Benyahia, et al (Routledge: 2008) A2 Film Studies: The Essential Introduction, Sarah Casey Benyahia, et al (Routledge: 2009) An Introduction to Film Studies 5th edition, J. Nelmes (ed.), (Routledge: 2011) How To Read A Film, J. Monaco (OUP USA: 2009) On Screenwriting, Freddie Gaffney (Auteur: 2008)
	 Visit a variety of different types of cinemas/exhibition experiences, including the British Film Institute Go to/volunteer at film festivals, including the London Film Festival View films from the AFI and BFI top 100 lists Regularly read film industry news websites such as www.hollywoodreporter.com, www.avclub.com etc. Read film magazines such as Empire, Total Film or the more academic Sight and Sound Build a portfolio of films, screenplays, etc. that you produce/edit outside of the curriculum Apply for practical filmmaking classes such as the BFI academy, run nationally or locally

Examples of Home	Exam practice essays; Independent research; Preparation of case studies; Creative
Learning Tasks	projects
Assessment Tasks,	Coursework 1 and 2 (40%) from October to January; 3 exam questions (60%)
Methods & Frequency	throughout the year and final exam.
Equipment That	The school can loan students technical equipment.
Students Need	

Who Can I Contact?	Head of Media Studies	Ms Gold	
	Teachers of Y13 Film	Ms Gold	Ms Jackson
	Studies		

Woodbridge High School Curriculum Overview Year 13 – French



	Curriculum Content	
	Teacher 1	Teacher 2
Half Term 1 (Sep - Oct)	 L'impact positif de l'immigration sur la société française : Les contributions des immigrés à l'économie et à la culture Review of grammar – negatives, agreement, use of infinitives 	Reading the literary text
Half Term 2 (Nov-Dec)	 Répondre aux défis de l'immigration et l'intégration en France Les activités des communautés; la marginalisation et l'aliénation du point de vue des immigrés. 	 La France occupée : La collaboration; l'antisémitisme Essay writing skills
Half Term 3 (Jan-Feb)	 Introduction to Independent research project Research skills 	 Le régime de Vichy: Maréchal Pétain et la Révolution nationale. Tenses – Future Perfect, Conditional and Pluperfect to form si clauses
Half Term 4 (Feb-Mar)	 L'extrême droite : La montée du Front National; les leaders du Front National; l'opinion publique. Practice debating on chosen independent research project 	 La Résistance : Jean Moulin, Charles de Gaulle et les femmes de la Résistance; la résistance des français. Grammar review: tenses, pronouns, complex language
Half Term 5 (Apr-May)	 Topic revision: L'immigration et la société multiculturelle française Timed Translations and essays Individual speaking practice 	 Topic revision: L'Occupation et la Résistance Timed Translations and essays Exam practice: reading and listening

Additional and	Action Grammaire - A-level Grammar Practice Book
extension extra-	http://www.lesinrocks.com/ News and culture website
curricular	http://www.telerama.fr/ News and culture website
reading or	http://www.lemonde.fr/ Website of a newspaper
activities:	http://www.lemouv.fr/ Radio website with music and podcasts
	http://www.letudiant.fr/trendy A range of interesting articles relating to student life
	http://www.conjuguemos.com Practice with verb conjugations

Examples of Home	Vocabulary Learning, grammar practice, essay preparation and writing, presentations,
Learning Tasks	reading and/or presenting an article, research for speaking topic, research for film /
	literary text (including reading chapters of the chosen book)
Assessment Tasks,	Regular vocabulary tests in class
Methods & Frequency	Timed Essays in class
	Essays set for home learning and marked using exam criteria
	Mock exams (whole school) in January
	Mock Speaking Exams in March
	Mock exams (in department) in April
Equipment That	Edexcel A Level Text Book (provided)
Students Need	Book for RBE (Research Based Essay) – Le Gone du Chaâba by Azouz Begag
	French Dictionary
	Book of Verb Conjugations would be useful

Who Can I Contact?	Head of French	Ms Orcel	
	Teachers of Y13 French	Ms Orcel	Ms Zmirou

Woodbridge High School Curriculum Overview Year 13 – Geography





	Teacher 1 and Teacher 2
Half Term 1	C2A (H) Global Systems and Global Governance [30 lessons/6 Weeks]
(Sep - Oct)	What drives global systems?
	 How do(n't) countries interact to create global governance?
Half Term 2	C3A (H+P) Independent Fieldwork [30 lessons/6 Weeks]
(Nov-Dec)	 3000-4000 fieldwork project on any topic linked to the specification
Half Term 3	MOCK 3: Topics C2B/C1A/C2C/C1B/C2A
(Jan-Feb)	
	C1C (P) Hazards [44 Lessons/10 Weeks]
	How do Hazard events drive changes in water and carbon cycles, CUEs, Changing
	Places?
Half Term 4	C1C (P) Hazards [44 Lessons/10 Weeks]
(Feb-Mar)	How do Hazard events drive changes in water and carbon cycles, CUEs, Changing
	Places?
Half Term 5	MOCK 4: Topics C2B/C1A/C2C/C1B/C2A/C1C
(Apr-May)	Preparation for A-Level Examinations

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Additional and	Extra Reading:
extension extra-	Read a broadsheet newspaper (weekend edition) once a week to get a wider view –
curricular	read more than one.
reading or activities:	 Watch the news – ask yourself the question "How are the syllabus and the news linked?"
	 A range of appropriate literature in the Geography Library (W1)
	Twitter:@WHSGeography
	Flipboard: flipboard.com/@jsteacybuck
	TED Talks: ted.com/talks
	The Economist, TIME, and National Geographic
	Support, Activities and places to visit
	Geography Association: www.geography.org.uk
	Royal Geographical Society (with IGB): www.rgs.org
	Attend lectures. QMUL, Kings, UCL and RGS all run events throughout the year
	The Crystal – Sustainable Building – Docklands
	USGS and CIA World Fact book
	Google Earth and ArcGIS
	ONS Census

Examples of Home Learning Tasks	Mainly exam past paper questions, wider reading given – there is the expectation that the pupils will read around the topic being taught and extend their knowledge/content knowledge beyond the text book, revision
Assessment Tasks, Methods & Frequency	Exam papers (Mocks) Homelearning is set weekly and expected to be handed in promptly. Class presentations of relevant case studies.
Equipment That Students Need	Maths set, calculator, ruler, pencil, dictionary

Who Can I Contact?	Head of Geography	Mr Steacy-Buck	
	Teachers of Y13	Ms George-Francis	Mr Steacy-Buck
	Geography		

Woodbridge High School Curriculum Overview

Year 13 - German



	Curriculum Content		
	Teacher 1	Teacher 2	
Half Term 1 (Sep - Oct)	 Discussing the positive effects of immigration in Germany Independent research project- Focusing the question/statement Skills focus: Critical analysis 	 Novel ' Die verlorene Ehre der Katharina Blum' Critical analysis of form and technique Critical analysis of themes and cultural and social context 	
Half Term 2 (Nov-Dec)	 Discussing challenges of immigration and integration Independent research project – Refining the question/statement Skills focus: Listening and responding 	 Novel' Die verlorene Ehre der Katharina Blum' Writing an analytical response Preparation of presentation on the society of the GDR before reunification 	
Half Term 3 (Jan-Feb)	 Learning about the historical background of guest workers in Germany Discussing ideology and consequences of right extremism Skills focus: Cultural analysis in speaking 	 Discussing events that led to Germany's reunification Skills focus: Developing a persuasive argument Grammar: Revision of passive 	
Half Term 4 (Feb-Mar)	 Revision and review of research project Revision of themes, social and cultural context of the film 'Das Leben der Anderen' 	 Talking about the effects of the end of communism and the resulting changes in East Germany Discussing the effects of German reunification on the German economy and society Learning how to plan and carry out A-Level revision 	
Half Term 5 (Apr-May)	 Revision of Theme 1:'Social issues and trends in Germany' and Theme 2 'Music, festivals and traditions; the media' Individual Oral practice 	Revision and exam preparation	

Additional and	We would recommend the following books for further reading:
extension extra-	
curricular	Susanne Fritsche (2014) Die Mauer ist gefallen
reading or	Hermann Vinke (2015) Die DDR
activities:	Jost-Arend Bösenberg; Johann-Friedrich Huffmann (2011) Mauerjahre- Leben im geteilten
	Berlin
	Stefan Aust (2010) Der Baader Meinhof Komplex
	It is also worth visiting the library in the Goethe-Institute London for further resources for independent research on the topics studied.

Examples of Home Learning Tasks	Independent research on topics studied; Writing in response to texts; Preparation of ppt.presentations; vocabulary learning
Assessment Tasks,	Students will be assessed on a fortnightly basis. This will take the form of exam paper
Methods & Frequency	style questions. Students will also have regular vocabulary and grammar tests.
Equipment That	A bilingual dictionary e.g Oxford German Dictionary; highlighter pens and a folder.
Students Need	

Who Can I Contact?	Head of German	Mrs Turner	
	Teachers of Y13 German	Mrs Turner	Ms McGarr (WCH)

Woodbridge High School Curriculum Overview Year 13 – History



	Curriculum Content	
	The British Empire	The Birth of the USA
Half Term 1 (Sep - Oct)	Coursework- The Civil Rights Movement, 1917-2015	Coursework- The Civil Rights Movement, 1917-2015
Half Term 2 (Nov-Dec)	The role of Empire during the First World War The impact of the First World War on the British Empire	 Outbreak of the War of Independence. From the British perspective From the colonial perspective
Half Term 3 (Jan-Feb)	 Colonial policy and administration (the role of individuals) in the interwar period-India, Africa and the Middle East Trade and Commerce in the British Empire- 1914-1967 	 Conduct of the War of Independence. From the British perspective From the colonial perspective
Half Term 4 (Feb-Mar)	Representations of EmpireEmpire and popular culture	Foreign intervention in the revolutionary warThe role of France/the role of Spain
Half Term 5 (Apr-May)	 The impact of WW2- Indian independence Decolonization of Africa Establishment of the commonwealth 	 Establishing the American nation Forming a new government Development of the presidency

Additional and	See the reading list on the year 12 page for the two exam courses.
extension extra-	
curricular	Civil Rights Reading:
reading or	'New Jim Crow' - Michelle Alexander
activities:	'Race relations' - Vivenne Sanders
	'How free is free?' - Leon Litwack
	'Malcolm X' autobiography
	'Disintegration' - Eugene Robinson
	'Black Leadership in America 1895-1965' – John White
	'Sweet land of liberty' - Robert Cook
	'Roll of thunder' - Mildred Taylor

Examples of Home	Extended research to be carried out before the next lesson.
Learning Tasks	Reading articles/chapters in books
	Analyzing sources in depth
	Preparing for a subject knowledge test
	Writing an essay
Assessment Tasks,	6 pieces of work every half term will be marked. This will consist of essays and subject
Methods & Frequency	knowledge tests.
	PLEASE NOTE- this will not be applicable during the Coursework period.
Equipment That	Pens, pencil, folder, plastic wallets
Students Need	

Who Can I Contact?	Head of History	Ms Larkin	
	Teachers of Y13 History	Mr Bhullar	Mr Laws
		Ms Larkin	Ms Whelan

Woodbridge High School Curriculum Overview Year 13 – ICT





	Curriculum Content	
	Teacher 1	Teacher 2
Half Term 1 (Sep - Oct)	Design & development of ICT Database solution for independent project	Design & development of ICT Database solution for independent project
Half Term 2 (Nov-Dec)	 Testing Database solution for independent project Writing user documentation 	 Testing Database solution for independent project Writing user documentation
Half Term 3 (Jan-Feb)	 Independent Project Evaluation Impact & consequences of ICT upon society, extended response tasks 	 Distributed databases, partitioning, data integrity problems Network Security problems
Half Term 4 (Feb-Mar)	Legal & ethical considerations of use of ICT	 Networking & Communications Transmission media – optical, satellite
Half Term 5 (Apr-May)	Revision & exam preparation	Systems Development Life CycleRevision & exam preparation

Additional and	Teach-ict
extension extra- curricular	http://www.teach-ict.com/_(Username: ig87dq Password: memory6)
reading or	Wired.co.uk
activities:	http://www.wired.co.uk/news
	Cnet.com/uk http://www.cnet.com/uk/
	BBC Click http://www.bbc.co.uk/programmes/n13xtmd5
	E3 Expo https://www.e3expo.com/
	Consumer Electronics Show https://www.cesweb.org/
	Code Club at Feeder Primary Schools-volunteer to help teach KS2 pupils to code

Examples of Home Learning Tasks	Practice software skills for coursework lessons & completion of coursework in line with deadlines
	Additional reading / research around the topic, past paper examination questions
Assessment Tasks, Methods & Frequency	Independent project assessed throughout the course in sections – formative feedback provided. Regular monthly assessments set to consolidate theory tasks.
Equipment That Students Need	Pencil case, course text book (provided), pupils must bring assessment folders (provided) to all lessons. Students to provide own ring-binder to store notes

Who Can I Contact?	Head of Computing and IT	Ms Surujpaul	
	Teachers of Y13 ICT	Ms Mistry	Ms Surujpaul

Woodbridge High School Curriculum Overview Year 13 - Mathematics



	Curriculum Content	
	Teacher 1 (6 Lessons per fortnight) C3 & C4	Teacher 2 (3 lessons per fortnight) M1
Half Term 1 (Sep - Oct)	 Transforming graphs of functions Trigonometry Further trigonometric identities and their application 	Moments (The moments of force acting on a body, uniform rod and non-uniform rod or a plank).
Half Term 2 (Nov-Dec)	 Calculus (Differentiation and its application in terms of exponential, natural logarithmic and trigonometric equations and expressions). Partial fractions Coordinate geometry in (x,y) plane 	Dynamics of a particle moving in a straight line (Newton's laws of motion on particles including inclined planes, momentum and impulse of a particle)
Half Term 3 (Jan-Feb)	 The binomial expansion Calculus (application for differentiation including rate of change, implicit differentiation and parametric equations) 	Statics of a particle (Newton's laws of motion on a particle attached to a string and pulleys).
Half Term 4 (Feb-Mar)	 Calculus (application for trigonometric, algebraic, exponential and logarithmic equations integrations. The trapezium rules and differential equations). 	Vectors (solving problems with vectors in mechanics).
Half Term 5 (Apr-May)	Exam practice	 C4, chapter 5: Vectors (Vector manipulation in algebra, angle between two vectors, vector equations and manipulation of vector equations). Exam practice
Additional and	Farmer (Alberta)	
Additional and	 Exam solutions (website) 	

Additional and
extension extra-
curricular
reading or
activities:

- Maths watch (VLE)
- My Maths
- Edexcel text books
- Hegarty Maths (website)

Examples of Home	Most Home learning tasks are set after every chapter of every module. Your
Learning Tasks	son/daughter will be given their own password to access lessons and Home learning activities on My maths. Other Home Learning may be set for revision purposes.
· · · · · · · · · · · · · · · · · · ·	
Assessment Tasks,	All students are assessed every 2-3 weeks at the end of each topic via end of chapter
Methods & Frequency	homework in addition to the end of half term assessments (accumulative tests in all
	the modules)
Equipment That	Students are required to have their own Casio scientific calculator, pens, papers and
Students Need	lever arch files and dividers (for each module). Text books and MyMaths login details
	will be provided in school by their teachers

Who Can I Contact?	Head of Maths	Ms Khokhar	
	Teachers of Y13 Maths	Mr Ali	Ms Khokhar
		Mr Bennett	Mr Rahman
		Ms Fisher	Ms Sooriy
			-

Woodbridge High School Curriculum Overview Year 13 – Mathematics (Further)





T 4/5 C 1 1 1 500 500 T 1 0 0	
Teacher 1(5 Lessons per fortnight) FP2&FP3 Teacher 2 (2 M2	2 lessons per fortnight)
 Further Complex numbers (Continuation from FP1, leads to application of complex numbers, application of De Moivre's theorem). First order differential equations (application of calculus, C4 calculus). Kinemati in a straig motion a kinematic composit 	ics of a particle moving ight line (projectile and calculus for ics). f Mass (Centre of mass les. Laminas, plane te lamina, framework ina in equilibrium).
 from chapter 4, application of calculus, C4 calculus). McLaren and Taylor series (Finding the higher derivatives of Trigonometric series, application of trig functions and series). Polar coordinates (polar and Cartesian equations of calculus). energy, penergy are collisions momentum of conserva 	nergy and power (work, potential energy, kinetic and their applications) s (The impulse- um principles, ation of momentum and on and successive
 (Jan-Feb) application of hyperbolic functions) of forces Further coordinate system (equations of eclipse, normal and tangent to hyperbolic functions and action of 	of rigid bodies (Moments acting on a body, rigid nequilibrium, under f multiple non parallel and limiting equilibrium)
 Half Term 4 (Feb-Mar) Integration (integration of hyperbolic functions, trigonometric and hyperbolic substitution, reduction formula, arc of curve and surface of revolution). Vectors (vector product, triple vectors, application of vectors such as equation of plane in scalar, vector and Cartesian format) Further Matrix algebra (Continuation of Matrix from FP1, leads to work with 3 x 3 matrices, eigenvalues and eigenvectors) 	
Half Term 5 (Apr-May) • Exam Practice • Exam practice	actice.

Additional and extension	Exam solutions (website) Maths watch (VLE))
extra-curricular reading	
or activities:	

Examples of Home Learning Tasks	Most Home learning tasks are set after every chapter of every module. Your son/daughter will be given their own password to access lessons and Home learning activities on MyMaths. Other Home Learning may be set for revision purposes.
Assessment Tasks, Methods & Frequency	All students are assessed every 2-3 weeks at the end of each topic via end of chapter homework in addition to the end of half term assessments (accumulative tests in all the modules)
Equipment That Students Need	Scientific calculator, pens, papers and lever arch files and dividers (for each module). Text books and my Maths login details will be provided in school by their teachers

Who Can I Contact?	Head of Maths	Ms Khokhar	
	Teachers of Y13 Further	Mr O'Driscoll	Mr Rahman
	Mathematics (A2)		

Woodbridge High School Curriculum Overview Year 13 – Media Studies



	Curriculum Content	
	Teacher 1	Teacher 2
Half Term 1 (Sep - Oct)	 Television Industry (case study 2) Narrative, Representation, Genre Production, distribution and Exhibition Industrial issues and critical responses Audience targeting and responses 	 Coursework: Media Investigation & Production Complete research and bibliography 1st draft of research essay Filming & photography Editing & desk top production
Half Term 2 (Nov-Dec)	Television Industry (case study 3) Revision and exam practice for mocks	Coursework: Media Investigation & Production 2nd draft of essay Editing & desk top production
Half Term 3 (Jan-Feb)	Texts, Industries, Audiences: Film Industry (Case study 1) • Narrative, Representation, Genre • Production, distribution and Exhibition • Industrial issues and critical responses • Audience targeting and responses	Coursework: Media Investigation & Production • Final draft essay and production • Evaluation Texts, Industries, Audiences: Music Industry (Case study 1) • Narrative, Representation, Genre • Production, distribution, exhibition • Industrial issues and critical responses • Audience targeting and responses
Half Term 4 (Feb-Mar)	Film Industry (Case study 2)	Music Industry (Case studies 2 & 3)
Half Term 5 (Apr-May)	Revision and exam practice	Film Industry (Case studies 3) Revision and exam practice

Additional and
extension extra-
curricular
reading or
activities:

Exploring the Media: Text, Industry, Audience (2nd Edition), Connell, B. (ed), (Auteur: 2010) WJEC A2 Media Studies: Study and Revision Guide, Bell, C., (Illuminate Publishing: 2012)

Key Themes in Media Theory Laughey, D, (Oxford University Press, 2007)

Black Looks, hooks, Bell, (Routledge: 2015)

White, Dyer, R, (Routledge: 1997)

The Beauty Myth, Wolf, N, (Vintage: 2015)

The Hip Hop Wars, Rose, T, (Basic Books: 2008)

Use the **BFI library** for research essay

Keep up to date with contemporary media industry news - mediaknowall.com; guardian.co.uk; avclub.com; slate.com; imdb.com; bbc.co.uk

Examples of Home	Exam practice essays; Independent research; Preparation of case studies; Creative
Learning Tasks	projects.
Assessment Tasks,	Coursework (50%) from September to January; 3 exam questions (50%) throughout
Methods & Frequency	the year and final exam.
Equipment That	The school can loan students technical equipment.
Students Need	

Who Can I Contact?	Head of Media Studies	Ms Gold	
	Teachers of Y13 Media	Ms Gold	Ms Lynch
	Studies		

Woodbridge High School Curriculum Overview

Year 13 - Music



	Curriculum Content	
	Teacher 1	Teacher 2
Half Term 1 (Sep - Oct)	 Introduction to A Level Course Instrumental Set Works: Berlioz — Harold in Italy: movement III 4-part harmony (Bach chorales) A-Level composition preparation 	 Applied Set works: Georges Auric — Passport to Pimlico: The Siege of Burgundy Barrington Pheloung — Morse on the Case Mustapha Tettey Addy (Ghana) — Agbekor Dance Essay practice.
Half Term 2 (Nov-Dec)	 Instrumental Set Works: Shostakovich — String Quartet No. 8, Op. 110: movement I Wider listening exam preparation. 4-part harmony (Bach chorales) A-Level composition preparation Mock Solo Performance 	 Applied Set works: G. Gabrieli — In ecclesiis Stravinsky — Pulcinella Suite: Sinfonia, Gavotta and Vivo Essay practice.
Half Term 3 (Jan-Feb)	 Instrumental Set Works: Mozart — Piano Sonata in B flat, K.333: movement I Wider listening exam preparation. 4-part harmony (Bach chorales) A-Level composition coursework 	 Instrumental Set Works: Corelli – Trio Sonata in D, Op. 3 No. 2: movement IV Sweelinck – Pavana Lachrimae Essay practice. Wider listening exam preparation.
Half Term 4 (Feb-Mar)	 Wider listening exam preparation 4-part harmony (Bach chorales) A-Level composition coursework Performance Recital Exam paper practice 	Instrumental Set Work: Ram Narayan (India) — Rag Bhairav Cage — Sonatas and Interludes for Prepared Piano: Sonatas I–III Essay practice.
Half Term 5 (Apr-May)	 Composition deadline Performance deadline Revision of set works and exam paper practice. 	Revision of set works.Exam paper practice.

Additional and
extension extra-
curricular
reading or
activities:

Reading:

- A History of Western Music (Palisca and Grout)
- Music: A Very Short Introduction (Cook)
- A Guide to Musical Analysis (Cook)

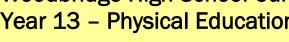
Websites:

- ITunesU (university lectures), Wider reading of articles from JSTOR
- Teoria (Aural and Theory Revision)

Examples of Home	A minimum of 5 hours instrumental practice per week.	
Learning Tasks	Harmony practice questions, essay questions, listening practice questions	
	Wider reading of articles/book chapters	
Assessment Tasks,	Half termly practice paper	
Methods & Frequency	A minimum of weekly essays, harmony questions and listening questions	
	Half termly recorded performance	
Equipment That Students	Instrument in every lesson	
Need		

Who Can I Contact?	Head of Music	Miss Exposito	
	Teachers of Y13 Music	Mr Archer	Miss Exposito

Woodbridge High School Curriculum Overview Year 13 – Physical Education





	Curriculum Content		
	Teacher 1	Teacher 2	
Half Term 1 (Sep - Oct)	Biomechanics Biomechanic Principles - Angular Momentum, Linear Motion Levers, Rotaion, Projectile and Parabolic Flight	Socio-Cultural Issues Sport and Society Emergency and Evolution of Modern Sport	
Half Term 2 (Nov-Dec)	 Analysing Movement using technology – force plates, wind tunnels Advantages and Disadvantages of the use of technology in sport. 	 Socio-Cultural Issues Ethics and Deviance Commercialisation and Media 	
Half Term 3 (Jan-Feb)	 Altitude training, Thermoregulation, environmental effects on the body systems. 	Socio-Cultural IssuesRoutes to sporting excellenceModern Technology	
Half Term 4 (Feb-Mar)	 Applying and linking theories. Electron Transport Chain, Glycocsis 	Sport Psychology Recap • Unit 2	
Half Term 5 (Apr-May)	Unit 1 Recap and exam preparation	Socio-Cultural Issues Recap • Unit 3	

Additional and	OCR A Level PE Textbook – Hodder 2016
extension extra-	Sport, Media and Society: E Kennedy
curricular	Sports Journalism "The Inside Track": J Toney
reading or	The Complete Guide to Sports Nutrition: Anita Bean
activities:	Exercise in Extreme Environments: Lawrence Armstrong
	Meeting the needs of most able pupils in PE & Sport: Morley and Richards
	http://www.sads.org.uk/heart-functions/
	http://www.gwheartandvascular.org/education/anatomy-and-function-of-the-heart-valves/
	http://www.teachpe.com/anatomy/arteries.php
	http://www.teachpe.com/anatomy/veins.php
	http://www.teachpe.com/anatomy/capillaries.php

Examples of	Research tasks, focus on Practical activities, Independent projects, Long answer questions
Home Learning	
Tasks	
Assessment	Practical and written assessment throughout course. Practical content assessed February year
Tasks, Methods	13. Final 3 exams Summer Year 13.
& Frequency	
Equipment That	PE Kit; PE Folder; Equipment for lessons
Students Need	

Who Can I	Head of Physical Education	Mr Jones	
Contact?	Teachers of Y13 Physical	Ms Bradley	Ms Moore
	Education	Mr Jones	

Woodbridge High School Curriculum Overview Year 13 – Physics



	Curriculum Content	U.C.	
	Teacher 1	Teacher 2	
Half Term 1 (Sep - Oct)	Electric Fields. Know and understand the relation between electric field and electric potential. Draw and interpret diagrams using field lines and equipotentials.	Further Mechanics. Understand and use the equation for impulse. Apply the conservation of linear momentum to problems in two dimensions	
Half Term 2 (Nov-Dec)	 Magnetic Fields. Understand the factors that affect the e.m.f induced in a coil when there is relative motion between the coil and a permanent magnet. 	Nuclear and Particle Physics. Know that in the standard quark-lepton model particles can be classified as baryons, mesons, leptons or photons.	
Half Term 3 (Jan-Feb)	 Oscillations. Identify situations for which simple harmonic motion will occur. 	Nuclear Radiation. Understand the processes of nuclear fusion and fission with reference to the binding energy curve.	
Half Term 4 (Feb-Mar)	 Gravitational Fields. Apply Newton's laws of motion and universal gravitation to orbital motion. 	Thermodynamics. Understand the concept of internal energy as the random distribution of potential and kinetic energy amongst molecules.	
Half Term 5 (Apr-May)	Space. Sketch and interpret a simple Hertzsprung-Russell diagram that relates stellar luminosity to surface temperature.	Working as a Physicist. Core practical review and consolidation. Practice and consolidate the appropriate use of equipment in order to achieve reliable and valid data.	

Additional and	R.P. Feyman, The Character of Physical Law, Penguin
	,
extension extra-	T. Hey & P. Walters, The Quantum Universe, C.U.P.
curricular	 J. Walker, The Flying Circus of Physics, John Wiley & Sons
reading or	Bill Bryson, A Short History of Nearly Everything, Transworld.Doubleday
activities:	 T. Ferris, Coming of Age in the Milky Way, Anchor/Doubleday
	G. Gamow. (Ed. R. Stannard), The New World of Mr Tompkins, C.U.P.
	The Theoretical Minimum by Susskind and Hrabovsky
	 www.nrich.maths.org/6465
	• <u>www.physics.org</u>
	• <u>www.home.cern/</u>
	• <u>www.nasa.gov</u>
	• <u>www.iop.org</u>
	http://www.physicsandmathstutor.com/
	The Royal Observatory in Greenwich. http://www.rmg.co.uk/royal-observatory
	The Diamond Light Source in Didcot. http://www.diamond.ac.uk/Home.html
	The Royal Institution, London http://www.rigb.org/

Examples of Home Learning Tasks	Design an experiment. Evaluate evidence. Solve problems using Physics principles. Apply your knowledge to different contexts. Research a topic and use your findings to make a presentation to your classmates, Practice use of formulae
Assessment Tasks, Methods & Frequency	Past examination style questions every 4 weeks. Core Practical Assessments
Equipment That Students Need	Folder and paper for class notes, Scientific calculator, ruler, protractor.

Who Can I Contact?	Head of Physics	Mr Barry	
	Teachers of Y13 Physics	Ms Barry	Ms Wardle
		Mr Moore	

Woodbridge High School Curriculum Overview

Year 13 - Product Design



	Curriculum Content	
	Teacher 1	Teacher 2
Half Term 1 (Sep – Oct)	Coursework Research and analysis Product specification Design and Development	 Information and communication technology (ICT) Digital special effects - Process and application of the following digital special effects used in film-making Biotechnology and the impact on the environment of genetic engineering techniques Systems and control Manufacturing systems Advanced Manufacturing Technology (AMT) and Quick Response Manufacturing (QRM) Computer integrated manufacture (CIM) Robotics and Artificial Intelligence (AI)
Half Term 2 (Nov-Dec)	Design and DevelopmentMaking	 Flow charts Design in context Mass production The 'new' industrial age of high-technology production The global marketplace Influences of design history on the development of products Form and function Anthropometrics and ergonomics Sustainability Life cycle assessment (LCA) Minimising waste production The responsibilities of 'developed' countries in relation to social, economic and environmental issues for global sustainable development.
Half Term 3 (Jan-Feb)	Making	Revision for Mock Exam
Half Term 4 (Feb-Mar)	MakingEvaluation	Revision for Mock Exam
Half Term 5 (Apr-May)	Revision of all thec	ry topics in preparation for A2 exam

Additional and
extension extra-
curricular
reading or
activities:

Text book:

Edexcel A Level Design and Technology for Product Design: Graphic Products, 3rd edition Paperback - 6 Aug 2008 by Mr Jon Attwood (Editor), Mr Geoff Hancock (Editor)

ISBN: 978-0435757793

Websites:

http://www.designcouncil.org.uk/

http://www.thestudentroom.co.uk/

https://designmuseum.org

http://www.solidsmack.com/resources/ten-free-resources-for-product-design-students-and-professional-

product-designers/

http://www.idsketching.com/toolbox/how-to-get-your-own-style/

http://www.idsketching.com/toolbox/toolbox-levels-of-sketching/

http://www.idsketching.com/basic/marker-sketch-technique-cylinder/

http://www.designyourway.net/blog/inspiration/cool-and-innovative-product-design-examples/

Places to Visit: Design Museum

Examples of Home Learning Tasks	 Independent research tasks to support coursework – for instance liaising with client, user feedback, and specific primary research individual to the chosen brief. Creating revision resources on art and design movements that can be shared as learning materials for the group.
Assessment Tasks,	Assessment of coursework units half termly, assessment of theory unit with exam
Methods & Frequency	questions, every week, mock exam in January.
Equipment That	General drawing equipment
Students Need	

Who Can I Contact?	Head of Design and Technology	Ms Rivers	
	Teachers of Y13 Product Design	Mr O'Brien	Ms Rivers

Woodbridge High School Curriculum Overview Year 13 – Psychology





	Curriculum Content		
	Teacher 1	Teacher 2	
Half Term 1 (Sep - Oct)	Schizophrenia Classification of schizophrenia, Biological explanations for schizophrenia, Drug therapy and Cognitive behaviour therapy and family therapy	Relationships: The evolutionary explanations, Factors affecting attraction in romantic relationships, Theories of romantic relationships	
Half Term 2 (Nov-Dec)	Schizophrenia: The importance of an interactionist approach in explaining and treating schizophrenia; the diathesisstress model.	Relationships: Virtual relationships in social media andParasocial relationships: levels of parasocial relationships, the absorption addiction model and the attachment theory explanation.	
Half Term 3 (Jan-Feb)	 Issues and Debates: Gender and culture in psychology – universality and bias. Free will and determinism. The scientific emphasis on causal explanations. The nature-nurture debate 	Aggression: Neural and hormonal mechanisms in aggression, Genetic factors in aggression, The ethological explanation of aggression Social psychological explanations of human aggression,	
Half Term 4 (Feb-Mar)	Issues and Debates: Holism and reductionism, Idiographic and nomothetic approaches, Ethical implications of research studies and theory	Aggression Institutional aggression, Media influences on aggression	
Half Term 5 (Apr-May)	Revision of AS and A2	Revision of AS and A2	

Additional	AQA Psychology for A Level Year 2 - Student Book; Cara Flanagan
and	CGP Psychology book
extension	
extra-	Psychology Review
curricular	
reading or	http://www.ted.com/talks/philip_zimbardo_on_the_psychology_of_evil
activities:	https://www.ted.com/talks/marc_goodman_a_vision_of_crimes_in_the_future
	https://www.ted.com/talks/anne_milgram_why_smart_statistics_are_the_key_to_fighting_crime
	http://www.ted.com/talks/rebecca_onie_what_if_our_healthcare_system_kept_us_healthy
	Places to visit: Freud Museum, Science Museum

Examples of Home Learning Tasks	Research projects, conducting investigations, creating theories.
Assessment Tasks, Methods & Frequency	Essay writing, short answer questions, application skills (e.g. applying to contemporary issues in society). Once a week.
Equipment That Students Need	Folder, Dividers, Plastic Wallets, Exercise books, Pens, pencils, calculators and lined paper

Who Can I Contact?	Head of Psychology	Ms Param	
	Teachers of Y13	Ms Param	Ms Younis
	Psychology		

Woodbridge High School Curriculum Overview Year 13 – Religious Studies: Philosophy & Ethics



	Curriculum Content	
	Teacher 1	Teacher 2
Half Term 1 (Sep – Oct)	Islam Religious figures and Sacred texts Significant historical developments in religious thought Significant social developments in religious thought Religious practices that shape religious identity	Arguments for the existence of God Challenges to religious belief - the problem of evil and suffering Challenges to religious belief - Religious belief as a product of the human mind
Half Term 2 (Nov-Dec)	Deontological Ethics St Thomas Aquinas' Natural Law Aquinas' Natural Law - the role of virtues and goods in supporting moral behaviour	Religious Experience The nature of religious experience Conversion Mysticism Mystical experience
Half Term 3 (Jan-Feb)	Religious concepts of predestination Determinism and Free will	Religious language Inherent problems of religious language
Half Term 4 (Feb-Mar)	Revision	Ethical Thought Deontological Ethics
Half Term 5 (Apr-May)		Teleological Ethics Religion and Ethics

Additional and	Please refer to reading list
extension extra-	
curricular	Refer to reading list
reading or	OCR Philosophy of Religion for AS and A2 – Jon Mayled, OCR Religious Ethics for AS and A2 – Jon Mayled
activities:	The Bible, The Qur'an
GOUTTUOO!	WJEC/Eduqas – Religious Studies for A Level Year 1 – Islam by Richard Gray
	WJEC/Eduqas – Religious Studies for A Level Year 1 – Philosophy of Religion and Ethics by Richard Gray
	and Karl Lawson.
	http://www.eduqas.co.uk/
	Follow 'The School Life' on www.youtube.co.uk for short seminars and clips on philosophy

Examples of Home Learning Tasks	Follow reading list Essays to be completed based on past exam questions Additional assessment tasks to stretch and challenge
Assessment Tasks,	Essays to be completed based on past exam questions
Methods & Frequency	Additional assessment tasks to stretch and challenge
	1 assessed task a fortnight
Equipment Which	Textbooks
Students Need	Revision packs to be purchased from class teacher
	Writing equipment
	Highlighters
	Folder
	Exercise book/writing paper.

Who Can I Contact?	Head of Religious Studies	Ms Choudhry
	Teachers of Year 13	Ms Choudhry, Mr Edwards

Woodbridge High School Curriculum Overview Year 13 – Russian





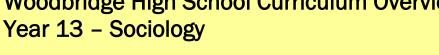
	Curriculum Content	
	Teacher 1	Teacher 2
Half Term 1 (Sep - Oct)	 Education and Employment- Higher education, exam stress, state vs private, finding jobs Grammar- case usage revision, verb and adverbs Preparation for the speaking exam 	 Health and Lifestyle- Smoking and Alcohol The World Around Us- Travelling and tourism, the environment, global warming Watching and analysing the film for RBE- 'Burnt by the Sun'
Half Term 2 (Nov-Dec)	 National and International Events- Russian internal and external affairs, unemployment and poverty, world economic situation Grammar- pronouns, interrogatives, irregular verbs Oral discussion practice 	 The World around us- Nuclear energy, oil and gas Customs and Traditions- Family and marriage, the role of women RBE- analysing film characters and historic setting
Half Term 3 (Jan-Feb)	 Literature and the Arts- Russian literature, cinema, classical music and ballet Grammar- aspects of verbs, verbs of motion 	 Customs and Traditions- holidays and celebrations Religion and Beliefs- Russian Orthodox Church, Human Rights, Charities RBE- analysing main themes from the film; key scenes and how culture and society are portraed
Half Term 4 (Feb-Mar)	 Past papers- translation and discursive essays Individual oral practice 	 RBE- analysing director's techniques RBE-relevance of key themes in the film to society today
Half Term 5 (Apr-May)	Past papers- translation and discursive essaysSpeaking Exam	Past papers- discursive essaysRBE essay practice

Additional and	Teach Yourself Russian Grammar by Daphne West
extension extra-	Kompas by Michael Ransome, Daphne West and Rachel Smith
curricular	Ruslan 3 by John Langran
reading or	Teach Yourself World Cultures: Russia by Stephen Webber & Tatyana Webber
activities:	Oxford Russian Dictionary
	www.bbc.co.uk/Russian
	www.quizlet.com
	www.russianlessons.net
	<u>www.rambler.ru</u>
	www.practicerussian.com
	www.izvestia.ru

Examples of Home	Discursive essays, RBE essays
Learning Tasks	Translations, Vocabulary and grammar tests
Assessment Tasks,	Weekly Vocabulary tests
Methods & Frequency	Fortnightly assessed written tasks (discursive essays and RBE)
Equipment That	Navigator 2 Textbook
Students Need	Grammar Guide; A2 Vocabulary Booklet

Who Can I Contact?	Head of Russian	Mrs Clark	
	Teachers of Y13 Russian	Mrs Clark	Mr Hogan

Woodbridge High School Curriculum Overview





	Curriculum Content	-400
	Teacher 1	Teacher 2
Half Term 1 (Sep – Oct)	 Defining democracy Is British Democracy in decline/is meritocracy dead? Other kinds of political system. Inequality related to social class. 	Methods of Sociological Enquiry Key concepts, primary quantitative and qualitative research methods, Methodological approaches to research
Half Term 2 (Nov-Dec)	 The difference between power and authority. Different ways of examining power – Marxism, pluralism, elite theory, feminism. Decision making and non-decision making. Inequality related to gender. 	Methods of Sociological Enquiry Secondary methods and data, Sampling, ethical issues, practical issues
Half Term 3 (Jan-Feb)	 Politics and ideology. The rise and fall of the political party. Political participation and pressure groups. 	 Methodological approaches to research Theories of research Families and households revision and exam practice
Half Term 4 (Feb-Mar)	 Pressure Groups, NSM and interest groups Inequality related to ethnicity Voting behaviour Inequality related to age. 	Families and households revision and exam practice
Half Term 5 (Apr-May)	 Inequality related to disability. Theories and perspectives of inequality. Power and stratification and education revision and exam practice 	Methods of Sociological Enquiry and families and households revision and exam practice

Additional and
extension extra-
curricular
reading or
activities:

Specific books which students can read to extend their understanding beyond the specification: 'Gang Leader for A Day' by Sudhir Venkatesh.

'The Spirit Level' by Richard Wilkinson and Kate Pickett.

'The Tiger that Isn't: See through a world of numbers' by Andrew Dilnot and Michael Blastland

Websites or lectures students can watch: Sociology room website. TED talks. Apps - Socio Zone and Sociology Terms

Examples of Home	Students are required to keep informed about current affairs.
Learning Tasks	Students are often required to present research findings to the rest of the class.
	They are required to do extended research on the role of women in politics today.
Assessment Tasks,	There should always be a home learning assignment task to complete during the
Methods & Frequency	course – there is never a time when there is nothing to do. The course is wholly
	assessed in two public examinations, of one hour and thirty minutes and two hours, so
	throughout the course there are many opportunities to practice examination
	technique.

Who Can I Contact?	Head of Sociology	Mr Shaw	
	Teachers of Sociology	Mr Shaw	Ms Younis

Woodbridge High School Curriculum Overview Year 13 – Business (BTEC Extended Diploma)





	Curriculum Content		
	Teacher 1	Teacher 2	Teacher 3
Half Term 1 (Sep – Oct)	 Unit 12 – Internet Marketing 	Unit 14- Employment Law	Unit 10 – Market Research
Half Term 2	Unit 9 – Creative Production	Unit 18 – Managing a	Unit 11 – Relationship
(Nov-Dec)	Promotion	business event	marketing
Half Term 3	Unit 16 – Human Resource	Unit 18 – Managing a	Unit 11 – Relationship
(Jan-Feb)	Management	business event	marketing
Half Term 4	Unit 19 – Development	Unit 23 – Aspects of the legal system	Unit 41 – Business
(Feb-Mar)	Planning		markets and the economy
Half Term 5	Unit 19 – Development	Unit 23 – Aspects of the legal system	Unit 41 – Business
(Apr-May)	Planning		markets and the economy

Additional and
extension extra-
curricular
reading or
activities:

Wider reading: The Economist, Financial Times, Business Review
The Financial Times Guide to Business Start Up 2015 by Sara Williams

Recommended viewing: Tutor2u, TED Talks for Business

Useful Links:

http://www.tutor2u.net/ http://bbc.co.uk/business bbc radio 4: Moneybox

Examples of Home Learning Tasks	Independent research tasks for coursework write-ups, i.e. research and compare promotional methods used on two products
Assessment Tasks, Methods & Frequency	Assessment tasks include written reports, observations, learner diaries and role plays. Assessments occur every two weeks
Equipment Which Students Need	Folders, stationary and calculator

Who Can I Contact?	Head of BTEC Business	Ms James	
	Teachers of BTEC	Ms lyengar	Ms Woodstock
	Business	Mr Khan	

Woodbridge High School Curriculum Overview Year 13 – Health and Social Care (Camb Tech Ext Dip)



	Curriculum Content		
	Teacher 1	Teacher 2	Teacher 3
Half Term 1 (Sep – Oct)	 Unit 12 Physiological Disorders (L01) 	 Unit 17 Research methodology for health and social care 	 Unit 19 Caring for individuals with additional needs
Half Term 2 (Nov-Dec)	 Unit 12 Physiological Disorders (L02, L03) 	Unit 31 Public Health	 Unit 35 Complementary Therapies (L01, L02)
Half Term 3 (Jan-Feb)	 Unit 12 Physiological Disorders (LO4) and 2 weeks work experience 	 Unit 8 Personal and professional development & 2 Week Work Experience 	 Unit 35 Complementary Therapies (L03) & 2 weeks work experience
Half Term 4 (Feb-Mar)	 Unit 16 Nutrition for health and social care (L01, L02) 	 Unit 15 Promoting health education (L01, L02) 	 Unit 35 Complementary Therapies (L04)
Half Term 5 (Apr-May)	 Unit 16 Nutrition for health and social care (L03, L04) 	 Unit 15 Promoting health education (L03, L04) 	Final Unit Corrections

Additional and	Resources for Coursework:
extension extra-	BTEC Level 3 Health and Social Care by Stretch and Whitehouse
curricular	BTEC Level 3 Health and Social Care by Mark Walsh
reading or	Health and Social Care AS/A2 by Walsh and Stephens
activities:	
	Additional Reading:
	Nursing Times
	Social Work Today
	Guardian Society
	Guardian Education
	Visits:
	Old Operating Theatre
	Science Museum
	Florence Nightingale Museum

Examples of Home Learning Tasks	Home Learning tasks will link to coursework assignments. A fair amount of time will need to be spent outside of lesson time completing assignment tasks. Primary and secondary research outside of lesson time will also be required to support learning.
Assessment Tasks, Methods & Frequency	Assessment is on-going throughout the school year. Students will work on a separate unit with each teacher and should expect to hand in an assessment piece to each teacher every week. Assessments can take the form of presentations, written reports, case studies or role plays.
Equipment That Students Need	Stationery Equipment: pens, pencils, ruler; calculator

Who Can I Contact?	Head of Health and	Ms Griffiths	
	Social Care		
	Teachers of Y13 Health	Ms Griffiths	Ms McNamee
	and Social Care	Ms Khudeza	Ms Param

Woodbridge High School Curriculum Overview Year 13 – Sport (BTEC Extended Diploma)



	Curriculum Content		
	Teacher 1	Teacher 2	Teacher 3
Half Term 1 (Sep - Oct)	Unit 5 – Sports Coaching	Unit 8 – Practical Team Sports	Unit 11 – Sports Nutrition
Half Term 2 (Nov-Dec)	Unit 5 – Sports Coaching	Unit 8 – Practical Team Sports	Unit 22 - – Rules, Regulations and Officiating
Half Term 3 (Jan-Feb)	Unit 14 – Exercise, Health and Lifestyle	Unit 15 – Instructing Physical Exercise and Activity	Unit 22 – Rules, Regulations and Officiating
Half Term 4 (Feb-Mar)	Unit 14 – Exercise, Health and Lifestyle	Unit 15 - Instructing Physical Exercise and Activity	Unit 12 – Current Issues in Sport
Half Term 5 (Apr-May)	Unit 13 - Leadership	Unit 24 – PE and the Care of Children	Unit 12 – Current Issue in Sport

Additional and
extension extra-
curricular
reading or
activities:

At the beginning of each unit students will be given a list of appropriate reading for each assignment. Students will also be expected to conduct their own research around each topic.

Bean, Anita. (2003) Sports nutrition. 4th ed. London: A & C Black.

Elphinston, Joanne and Pook, Paul. (2004) *The core workout.* 3rd ed. Fleet: Core Workout.

Fallowfield, Joanne L., Hale, Beverley J. and Wilkinson, David M. (2005) *Using statistics in sport and exercise science research*. Chichester: Lotus.

Food Standards Agency (2008) Manual of nutrition. 11th ed. London: TSO.

Hawkins, Richard. (2004) *The official FA guide to fitness for football*. London: Hodder & Stoughton.

Jarmey, Chris. (2003) The concise book of muscles. Chichester: Lotus

Examples of Home Learning Tasks	Research task for Assignments. Competition of assignments.
Assessment Tasks, Methods & Frequency	Each Unit is assessed through approximately 4 assignments of a different variety (Presentations, written tasks, research tasks, and practical assessments). Units 1 and 2 will be externally assessed.
Equipment Which Students Need	PE Kit, BTEC Folder

Who Can I Contact?	Head of Physical	Mr Jones	
	Education		
	Teachers of Y13 BTEC	Ms Bradley	Ms Payne
	Sport	Mr Fuschillo	Mr Waters