

WOODBRIDGE HIGH SCHOOL

Curriculum Booklet for Students and Parents Year 13









2016-17





CONTENTS

Introduction	2
A Level Subjects	
Art & Design	3
Biology	4
Business Studies	5
Chemistry	6
Computer Science	7
Drama & Theatre Studies	8
Economics	9
English Language	10
English Literature	11
Film Studies	12
French	13
Geography	14
German	15
History	16
ICT	17
Mathematics	18
Mathematics (Further)	19
Media Studies	20
Music	21
Physical Education	22
Physics Product Pacific	23
Product Design	24
Psychology Religious Studios: Philosophy & Ethios	25 26
Religious Studies: Philosophy & Ethics Russian	27
Sociology	28
Sociology	20
BTEC and Cambridge Technical (Level 3) Subjects	
Business (BTEC Extended Diploma)	29
Health & Social Care (Cambridge Technical Extended Diploma)	30
Sport (BTEC Diploma)	31

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.
	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.
	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	Conclude essay, hand in whole draft and act upon feedback before submitting final version including
4	bibliography.
(Feb-Mar)	Identify areas that require improvement and discuss with teacher. Work on these last targets before
	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. Parious and refine final ideas.
	Review and refine final ideas. FYAM 4.5 hours agree to final outcome to conclude the guess unit.
	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.deviantart.com www.pinterest.com

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

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	
11.15 = 4	Synapses & Neurotransmitters		
Half Term 4	The Eye	Cardiac Muscle & Regulation	
(Feb-Mar)	Plant sensory responses	Homeostasis	
	Brain Development		
Half Term 5	Brain Disorders	Pre-Release Article	
(Apr-May)	Mock Exam	Mock Exam	
	Revision	Revision	
Across the	During the course of Y13 you will undertake a further 8 core practical's, these are a		
Year		generally will complete one practical per teacher nt core practical skills; all evidence of your work is	
	kept within a separate practical assessment for		
	·	Il either pass or fail this component – it will not	
		but the methods used will be assessed within the	
	written papers. Your practical assessment fold		
Additional and	Each lesson on your learning schedule will have suggested tasks for extension reading. We		
extension extra-	advise all students to supplement the Board specific book provided by the school with a		
curricular	generic A-level Biology textbook to enable you to fully expand your class notes.		
reading or			
activities:	The following website may also be useful		
	http://www.biology-innovation.co.uk - video clips and revision notes for each topic		
	http://www.s-cool.co.uk/a-level/biology - revision 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, Methods & Frequency	End of topic assessments approximately 1 every 4 weeks for each teacher. 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	Practical Assessment Folder, Class Note Folder, Lined Paper, Pen, Pencil, Ruler, Calculator

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

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	Ms Aftab	Ms James
	Business Studies	Ms Garcia	

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.
	, , , , , , , , , , , , , , , , , , , ,
	Chemistry Review Magazine.
	Royal Society of Chemistry: Chemnet magazine
	Learn Chemistry website.
	Highly recommended for reinforcement, interest and revision.
	gy . s s s s . s . s . s . s . s
	Students should keep up to date on current scientific issues in the news etc
	Stadente chedia heep up to date on carrent solentine 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 Chemistry	Mr Alam	Mr Esop

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

Additional and	Problem Solving with Flowcharts & a little flavour of Programming with Python
extension extra-	Written by Achla Agarwal, Krishna Agarwal, Laura Gladrich, Mark Gladrich
curricular	How to think like a Computer Scientist – Learning with Python 3
reading or	Written by Peter Wentworth, Jeffrey Elkner et al.
activities:	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 ICT & Computing	Ms Surujpaul	
	Teachers of Y13	Mr Brock-Carey	Ms Mistry
	Computer Science		

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



	Curriculum Content
Half Term 1 & 2 (Sep-Dec)	<u>Unit 3: Exploration of Dramatic Performance – A development of Skills</u> Development of knowledge of key practitioners and effective devising skills.
	Teacher led workshops and student led responses to the stimuli creating performances demonstrating their application and knowledge of the practitioners and effective use of the techniques. Students will
	reflect on the process and demonstrate knowledge of the practitioners in the form of written notes and class discussion.
Half Term 3 & 4	Unit 3: Exploration of Dramatic Performance - Application of Skills
(Jan – Mar)	The development of a performance begins with teacher led workshops focusing on key practitioners and
(Fair Mar)	effective techniques to explore the dramatic potential and engage with the given stimuli. We aim to
	stimulate ideas and develop their creativity pushing them to take risks and further the potential of their
	responses.
	The students then work in groups to create an original and innovative performance by:
	Interpreting and sharing ideas. Reflect and review the development, character, situations and
	response to the given stimuli using a variety of techniques from different practitioners.
	Recognise and record the process behind the realisation
	Structure & refine ideas taking an active part in the exploration and development
	Present the original performance to an audience in December
	Notes demonstrating knowledge and analysis of the process and performance.
Half Term 5	Unit 4: Theatre Text in Context: Externally assessed 2 half hour exam
(Apr-May)	Explore the Greek text Lysistrata by Aristophanes as a director both academically and practically to
	develop knowledge of the original context and create own interpretation of the text.
	Experience a live performance of a Shakespearian play and evaluate the production. Understand the
	original staging conditions of the play. In class we will collate notes on both the seen and original
	understanding creating of notes taken into the exam. We will develop the ability to examine how the
	elements that make up a modern performance relate to how it might have been produced in the

Additional and	A. Perks and J. Porteous
extension extra-	A2 Drama and Theatre Studies - The Essential Introduction for Edexcel,
curricular	
reading or	We recommend reading any books by leading practitioners. Some examples are:
activities:	P. Brook - The Empty Space
	A. Bermel - Artaud's Theatre of Cruelty
	J. Willett - The Theatre of Bertolt Brecht
	D. Cannon - In Depth Acting
	J. Benedetti - Stanislavski: An Introduction
	Visits to live Theatre. Reading reviews of theatre.
	Also:
	Lysistrata by Aristophanes
	Shakespeare plays
	Research of the original conditions of Greek and Elizabethan theatre.

Examples of Home Learning Tasks	Collating notes on the in class process, research the theme, develop the response, written response to set questions, rehearsal of a performance, visiting theatre, research of the context/practitioner/writer, evaluation of live performance, exam questions, research of original context of Greek and Shakespeare plays
Assessment Tasks, Methods & Frequency	Unit 3: There are 4 areas of assessment: The practical process, the reflective notes, the performance and written evaluation. The assessment of the student's development is continuous using observation of practical work and written reflection. Feedback will be given using the assessment criteria identifying where these have been met and next step
Equipment That Students Need	Log-book, pen, pencil, eraser, note-book, post-it notes, props and costumes, scripts

Who Can I Contact?	Head of Drama	Ms Cranwell	
	Teachers of Drama	Ms Cox	Ms Cranwell

Woodbridge High School Curriculum Overview Year 13 – Economics



HM Treasury



	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 and Happiness by Richard H Thaler and Cass		
curricular	R Sunstein		
reading or	Paper Promises: Money, Debt and the New World Order 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://podcasts.ox.ac.uk/		
	Useful websites for Economics:		
	Economist Institute of Fiscal Studies		

Tutor2u

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	Mr Chow	
	Teachers of Economics	Mr Chow	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 extension extra-	Reading List/Wider Reading provided- essential requirement of the course.
curricular reading or	Students will be provided with a range of wider reading including essays by theorists such as Piaget and Chomsky.
activities:	
	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	
	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	
	*Time Traveller's Wife	
	*Maurice	
	*Oranges Are Not the Only Fruit	
	Places to visit: National Gallery, Stratford-Upon-Avon, National Theatre, Imperial War Museum	
	<u>www.oed.com</u>	
	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	Mrs Amihere	Ms Ree
	Literature	Mrs Colman	Miss Ruzane
		Ms Geary	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-	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)
curricular	, ,,,
reading or	How To Read A Film, J. Monaco (OUP USA: 2009)
activities:	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 <u>www.hollywoodreporter.com</u> ,
	<u>www.launchingfilms.com</u> , <u>www.avclub.com</u> etc.
	- Read film magazines such as <i>Empire</i> , <i>Total Film</i> or the more academic <i>Sight and Sound</i>
	- 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)	 Society and Current Affairs – Money, Crime, Immigration Review of grammar – negatives, agreement, use of infinitives 	 History, Arts and Literature – French cinema, literature, plays – an introduction to some important authors Reading the RBE text
Half Term 2 (Nov-Dec)	 Society and Current Affairs – Racism, Crime and Prison, Immigration Discursive essay skills – Structuring, using the correct register 	 History, Arts and Literature – Fine art, Architecture Tenses – Future Perfect, Conditional and Pluperfect to form si clauses First RBE essays
Half Term 3 (Jan-Feb)	 Traditions and Beliefs – Euthanasia, Questions in Modern Science Using idiomatic expressions, subjunctive Preparing a presentation on chosen speaking topic 	 World Questions – War and Refugees, The resistance, genocide Impersonal verbs, reported speech Essay writing skills – Overview of Common Topics
Half Term 4 (Feb-Mar)	 Traditions and Beliefs – Festivals and Celebrations, Women's Rights, Citizenship Practise debating on chosen speaking topic 	 Grammar review: tenses, pronouns, complex language RBE timed essays on all 4 topic areas
Half Term 5 (Apr-May)	 Topic revision: Youth Culture and Concerns, Education and Employment Timed Translations and essays Individual speaking practice 	 Topic revision: Lifestyle health and fitness, The world around us Timed Translations and essays

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	
	Cinema club after school once a month	

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 RBE	
	topic (including reading chapters of the chosen book)	
Assessment Tasks,	Regular vocabulary tests in class	
Methods & Frequency	Timed Essays in class	
	Discursive and RBE 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 Hancock	
	Teachers of Y13 French	Ms Hancock	Ms Zmirou

Woodbridge High School Curriculum Overview Year 13 – Geography



	Teacher 1 and Teacher 2
Half Term 1	Geographical Fieldwork and Skills
(Sep - Oct)	Core geographical skills (graphical, statistical, cartographical, ICT+ Investigative)
	Evaluation of AS Fieldwork
Half Term 2	World Cities
(Nov-Dec)	 How are the locations and characteristics of world cities changing?
	What impact do world cities have on the environment?
Half Term 3	Development and Globalization
(Jan-Feb)	How can quality of life be improved?
	 Is Aid an effective way of 'Developing' nation states?
	What impact has the 'time-space' compression had on the human/physical worlds?
Half Term 4	Tectonics
(Feb-Mar)	What are the causes and consequences of tectonic events?
Half Term 5	Revision for Paper 3 and Paper 4
(Apr-May)	

Additional and	Extra Reading:
extension extra- curricular	 Read a broadsheet newspaper (weekend edition) once a week to get a wider view – 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,	Exam papers (Mocks)
Methods & Frequency	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 Geography	Ms Howe	Ms Sheehan
	deography		

Woodbridge High School Curriculum Overview Year 13 – German





	Curriculum Content		
	Teacher 1	Teacher 2	
Half Term 1 (Sep - Oct)	 Discussing homelessness, the influence of advertising on our lives, equality in the workplace Grammar: word order in complex sentences 	 Researched based essay overview Overview of German history from 1945- 1990 Talking about the STASI (state security) in the former GDR 	
Half Term 2 (Nov-Dec)	 Discussing abortion, animal testing, stem cell research and equal rights Discursive essay writing skills Grammar: subjunctive/passive 	 Film 'The Lives of Others' Character analysis Key events and their importance in the film Essay writing skills 	
Half Term 3 (Jan-Feb)	 Literature and arts in German speaking countries Analysis of short literary texts Translation skills 	 Film 'The Lives of Others' Key themes in the film Analysis of techniques such as use of camera, light, music and their importance in the film Research-based essay writing 	
Half Term 4 (Feb-Mar)	 Topic revision 'Customs, traditions, beliefs and religions' Unit 3 discussion practice 	 Film 'The Lives of Others' Re-visiting particular scenes of the film and using them as evidence for points made in analysis of film Research-based essay writing 	
Half Term 5 (Apr-May)	Topic revision 'Lifestyle: health and fitness' and 'Education and employment'Individual Oral practice	Film 'The Lives of Others'Timed RBE essays	

Additional and	We would recommend the following books for further reading:
extension extra-	
curricular	Jens Gieseke (2011) Die Stasi 1945-1990
reading or	Ruth Hoffmann (2013) Stasi-Kinder: Aufwachsen im Űberwachungsstaat
activities:	Wolf Biermann et al (2006) Die Ausbürgerung
	Florian Henckel von Donnersmarck (2007) Das Leben der Anderen
	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 Assessment Tasks, Methods & Frequency	Independent research on topics studied; Writing discursive and research-based essays; Preparation of ppt.presentations; vocabulary learning Students will have assessments at the end of each half-term. These will take the form of exam paper style questions. Students will also have regular vocabulary and grammar tests.
Equipment That Students Need	A bilingual dictionary e.g Oxford German Dictionary; highlighter pens and a folder.

Who Can I Contact?	Head of German	Mrs Turner	
	Teachers of Y13 German	Mrs Turner	Mr Hennessy

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) Half Term 5 (Apr-May)	 Representations of Empire Empire and popular culture The impact of WW2- Indian independence Decolonization of Africa Establishment of the commonwealth 	 Foreign intervention in the revolutionary war The role of France/the role of Spain 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
	<u>-</u>

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	Tooch ist
Additional and	Teach-ict Teach-ict
extension extra-	http://www.teach-ict.com/
curricular	
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
	ittp://www.bbc.co.dry programmes/ http://www.bbc.co.dry programmes/ http://www.bbc.co.dry programmes/
	E3 Expo
	https://www.e3expo.com/
	Consumer Electronics Chow
	Consumer Electronics Show
	https://www.cesweb.org/

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 ICT & Computing	Ms Surujpaul	
	Teachers of Y13 ICT	Mrs Durrani	Ms Mistry



Woodbridge	e High School (Curriculum Ove	erview	
Year 13 – I	Mathematics		2 3=5	PRIDE IN ACHIE
	Curriculum Content			
	T 1 4 (0 1	6 1 1 1 1 00 0 0 4	T	C 1 1 4 1 1 1 1 4 4

	Cumculum 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 extension extra-curricular	 Exam solutions (website) Maths watch (VLE) My Maths 			

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

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 My maths. Other Home Learning may be set for revision purposes.	
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)	
Students are required to have their own Casio scientific calculator, pens, papers and	
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	Mr Cook	
	Teachers of Y13 Maths	Ms Fisher	Ms Rahman
		Mr O'Driscoll	Ms Soori
		Mr Rahman	Mr Tilk

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





	Curriculum Content	
	Teacher 1(5 Lessons per fortnight) FP2&FP3	Teacher 2 (2 lessons per fortnight) M2
Half Term 1 (Sep – Oct)	 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). 	 Kinematics of a particle moving in a straight line (projectile motion and calculus for kinematics). Centre of Mass (Centre of mass of particles. Laminas, plane composite lamina, framework and lamina in equilibrium).
Half Term 2 (Nov-Dec)	 Second order differential equations (continuation 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 curves and their applications). 	 Work, energy and power (work, energy, potential energy, kinetic energy and their applications) Collisions (The impulsemomentum principles, conservation of momentum and restitution and successive impacts)
Half Term 3 (Jan-Feb)	 FP3: Hyperbolic functions (definition, graph and application of hyperbolic functions) Further coordinate system (equations of eclipse, normal and tangent to hyperbolic functions and application of hyperbolic functions) Differentiation (differentiation of hyperbolic, inverse hyperbolic and inverse trigonometric functions) 	Statics of rigid bodies (Moments of forces acting on a body, rigid bodies in equilibrium, under action of multiple non parallel forces and limiting equilibrium)
(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) 	Exam Practice
Half Term 5 (Apr-May)	Exam Practice	Exam practice.

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

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 MyMaths. 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	Scientific calculator, pens, papers and lever arch files and dividers (for each module).
Students Need	Text books and my Maths login details will be provided in school by their teachers

Who Can I Contact?	Head of Maths	Mr Cook	
	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)

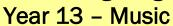
Use the **BFI library** for research essay

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





	Curriculum Content			
	Teacher 1	Teacher 2		
Half Term 1 (Sep - Oct)	 Introduction to A2 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.		

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	Biomechanics	Socio-Cultural Issues	
(Sep - Oct)	 Biomechanic Principles 	Sport and Society	
	• Levers	Emergency and Evolution of Modern Sport	
Half Term 2	Biomechanics	Socio-Cultural Issues	
(Nov-Dec)	 Analysing Movement using tech 	Ethics and Deviance	
	 Advantages and Disadvantages 	Commercialisation and Media	
Half Term 3	Biomechanics	Socio-Cultural Issues	
(Jan-Feb)	Linear Motion	Routes to sporting excellence	
	Angular Motion	Modern Technology	
Half Term 4	Biomechanics	Sport Psychology Recap	
(Feb-Mar)	 Fluid Motion 	Unit 2	
	Projectile Motion		
Half Term 5	Unit 1 Recap	Socio-Cultural Issues Recap	
(Apr-May)		• Unit 3	

Additional and	OCR A Level PE Textbook – Hodder 2016	
extension extra-		
curricular	Sport Madia and Society E Kannady	
	Sport, Media and Society: E Kennedy	
reading or	Sports Journalism "The Inside Track": J Toney	
activities:	The Complete Guide to Sports Nutrition: Anita Bean	
	Exercise in Extreme Environments: Lawrence Armstrong	
	Meeting the needs of most able pupils in PE & Sport: Morley and Richards	
	mooning and mooning or mooning papers in a popular money and money and	
	http://www.oode.org.uk/hoort.functions/	
	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	
	nttp.//www.teachpe.com/anatomy/vems.pnp	
	http://www.teachpe.com/anatomy/capillaries.php	

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

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

Woodbridge High School Curriculum Overview Year 13 – Physics



	Curriculum Content		
	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
extension extra-
curricular
reading or
activities:

- R.P. Feyman, The Character of Physical Law, Penguin
- T. Hey & P. Walters, The Quantum Universe, C.U.P.
- J. Walker, The Flying Circus of Physics, John Wiley & Sons
- Bill Bryson, A Short History of Nearly Everything, Transworld.Doubleday
- 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
- www.physics.org
- www.home.cern/
- www.nasa.gov
- www.iop.org

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.
Assessment Tasks, Methods & Frequency	Past examination style questions every 4 weeks.
Equipment That Students Need	Scientific calculator. Ruler, protractor.

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

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 Development Making 	 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) Half Term 4	Making Making	Revision for Mock Exam Revision for Mock Exam
(Feb-Mar) Half Term 5 (Apr-May)	Evaluation 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	Miss Rivers	S	
	Teachers of Y13 Product Design	Mrs Masterman	Mr McGowan	

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	

_ <u></u>	
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

	DODBRID	GE
ACC.		
PRIDE	IN ACHIEV	EMENT

	Curriculum Content
	Teacher 1
Half Term 1	Attributes of God
(Sep - Oct)	Attributes of God; God as an eternal being
	Boethius, eternity and foreknowledge; Problems with belief in God
Half Term 2	Religious Language
(Nov-Dec)	The religious language debate
	Attributes of God
	Logical positivism and the strong verification principle
	Weak verification; Falsification
Half Term 3	Experience and Religion
(Jan-Feb)	Exploring religious experiences; Ineffable experiences
	Belief in miracles and criticisms of these beliefs
	Numinous experience; Mystical experiences
	Conversion and corporate experience
	Richard Swinburne; Challenges of Religious Experiences
Half Term 4	<u>Life and Death</u>
(Feb-Mar)	Death; Belief in life after death
	Plato and dualism; Dawkins – Life after death
	Materialism; Resurrection and reincarnation
	Near death experiences and ghosts; The soul
	Aristotle's view on the soul
Half Term 5	<u>Miracles</u>
(Apr-May)	Introduction miracles; Miracles of Jesus
	David Hume on Miracles; Wiles on Miracles
	Strengths and weaknesses of Hume and Wiles.

Additional and	Please refer to reading list
extension extra-	
curricular	OCR Philosophy of Religion for AS and A2 – Jon Mayled
reading or	OCR Religious Ethics for AS and A2 – Jon Mayled
activities:	The Bible
	The Qur'an
	www.ocr.org.uk
	www.rsrevision.co.uk

Examples of Home	Follow reading list
Learning Tasks	Practice past exam papers using the OCR website
Assessment Tasks,	Essays to be completed based on past exam questions
Methods & Frequency	Additional assessment tasks to stretch and challenge
Equipment That	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 Y13	Ms Choudhry
	Religious Studies	

Woodbridge High School Curriculum Overview Year 13 – Russian





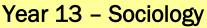
	Curriculum Content	
	Teacher 1	Teacher 2
Half Term 1 (Sep - Oct)	 Education and Employment- Higher education, exam stress, state vs private, finding jobs Grammar- case usage revision, verb and adverbs Preparation for the speaking exam 	 Health and Lifestyle- Smoking and Alcohol The World Around Us- Travelling 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	Mr Baker	Mr Hogan

Woodbridge High School Curriculum Overview





	Curriculum Content			
	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 Y13	Mr Shaw	Ms Younis
	Sociology		

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 marketing
(Jan-Feb)	Management	business event	
Half Term 4	Unit 19 - Developing Teams	Unit 23 – Aspects of the legal system	Unit 41 – Business
(Feb-Mar)	in Business		markets and the economy
Half Term 5	Unit 19 – Developing	Unit 23 – Aspects of the legal system	Unit 41 – Business
(Apr-May)	Teams in Business		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	Miss James	
	Teachers of BTEC	Mr Chow	Miss Woodstock
	Business	Miss Garcia	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 (LO3, LO4) 	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 Social Care	Ms Griffiths	
	Teachers of Y13 Health and Social Care	Ms Griffiths Ms Khudeza	Ms McNamee

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	Mr Fuschillo
	Sport	Mr Doolan	Ms Payne