



SURBITON

HIGH SCHOOL

# Preparing for A-levels May-June 2020



**Dear Future A-level Pupil,**

Adversity is the Mother of Invention.

We hope that you will agree with us that a highly engaging, well-prepared and resourced introductory course to A-levels is a sensible replacement for your GCSE exams. Our Heads of Department and teachers have been working hard to ensure you are fully prepared for your A-level studies next year. This booklet outlines the timetable you will follow and the topics that will be covered by each subject.

Every pupil\* has been automatically signed up to the subjects they have chosen for their A-levels and will be invited to Microsoft Teams meetings for the relevant lessons (please see the timetable on the following pages for information of when your subjects are being taught). As you will see, each subject has chosen a different method of teaching and this is because every subject is different. Some have chosen two lessons per week and others have chosen one lesson with more independent work. Maths is taking a different approach with drop-in clinics as the focus.

Ask any pupil in Year 12 what advice they would give Year 11 pupils, the answer is always about being prepared for the change from GCSE to A-level. The jump is a big one and the skills you need as an A-level student are different to GCSE.

“Out of clutter,  
find simplicity. From  
discord, find harmony. In the  
middle of difficulty,  
lies opportunity.”  
**Albert Einstein**

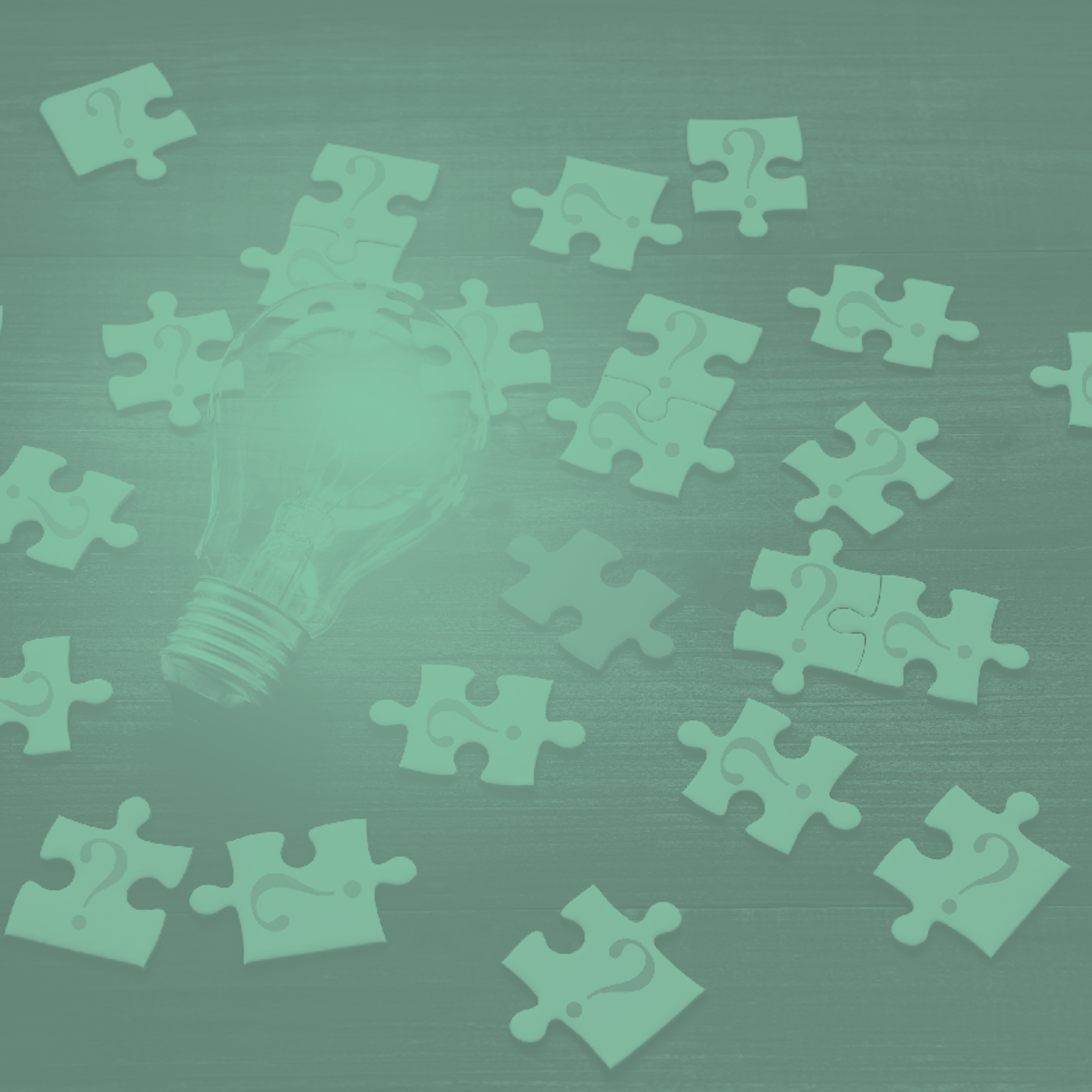
In addition to the subject-based work, you will also take part in a weekly debate/discussion to develop your critical-thinking skills, creative problem solving and flexibility of mind. You will be working in small groups for these sessions and there will be some independent work to complete prior to each session.

In addition, Mrs Leckie and Mr McDermott have developed a virtual work experience week for you, please see the relevant page of this booklet for more information.

If you have any questions about the subjects you are planning to study at A-level, please contact the specific teacher listed in the timetable. If your questions are more general or you wish to change your A-level subjects, please contact [Hannah.horwood@surbitonhigh.com](mailto:Hannah.horwood@surbitonhigh.com)

*\*Pupils who have indicated that they are going to study A-levels at another school or college are invited to take part in our courses provided. We are only running courses for A-levels we are going to be teaching in September.*

If you have not received any 'Teams' invites by Thursday 7 May, then this means we don't know what your A-level options are. Please email [hannah.horwood@surbitonhigh.com](mailto:hannah.horwood@surbitonhigh.com) with your A-level options.





Period/day	Monday	Tuesday	Wednesday	Thursday	Friday
1	Maths clinic 1 (forms CFN) with KUS	Spanish 1 with HO Music 1 with VJ	Geography 2 with JSM Philosophy with RHG	Maths clinic 2 (forms CFN) with EJ/BSH	Maths clinic 3 (forms APT) with LH Creative Thinking – academic, with PR Co-curricular activity (forms CFN)
2	Art with FG/SA Biology with RZR/RL Computer Science 1 with AM/RT Classical Civilisation with AEP	English Literature with EL/OR	Design Technology PD 2 with ADK	Physical Education with CW Politics with JFF	English Language with EL/HCP
3	Geography 1 with JSM Photography with FG/SA History 1 with SF	Religious Studies with RHG Dance 1 with RW	Maths clinic (forms APT) 2 with DF/CR	Chemistry with HLW Music 2 with VJ Spanish 2 with HO	Latin 2 with AEP/LGM History 2 with SF
4	Business with AWR Latin 1 with AEP/LGM History of Art with KL	Theatre Studies 1 with CG/SD Design Technology PD 1 with ADK	Sociology with GW Physics with MB German 1 with JAD	Theatre Studies 2 with CG/SD	Maths clinic 3 (forms CFN) with JKB Creative Thinking – academic, with PR Co-curricular activity (forms APT)
5	Psychology with GW	Maths clinic 1 (forms APT) with JPa	French 1 with GP Economics with AWR	French 2 with GP Dance 2 with RW Computer Science 2 with AM/RT	German 2 with JAD

A-LEVEL SUBJECTS

Art .....	1
Biology.....	2
Business .....	3
Chemistry .....	4
Classical Civilisation .....	5
Computing .....	6
Dance .....	7
Design Technology .....	8
Drama and Theatre Studies.....	9
Economics .....	10
English Language.....	11
English Literature .....	12
French .....	13
Geography .....	14
German .....	15
History .....	16
History of Art .....	17
Latin .....	18
Maths .....	19
Music .....	20
Philosophy .....	21
Photography .....	22
Physics.....	23
Physical Education .....	24
Politics .....	25
Psychology .....	26
Religious Studies .....	27
Sociology .....	28
Spanish .....	29

ENRICHMENT OPPORTUNITIES

Learning Enrichment.....	32
EPQ .....	33
Critical Thinking .....	34
Careers .....	35

Key areas of focus



Developing creative and artistic skills



Increase knowledge of other artists

Teaching method/technology use



Teams



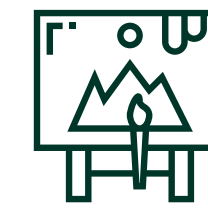
Email



Showbie



Teacher to set weekly activities and support



Develop creative and artistic skills through own work



Group discussions



Independent research

Optional extension activities method/technology use



Online  
[Heni Talks](#)

Virtual Museum and Gallery Tours - [Secret London](#)



Books  
'The Story of Art' by E H Gombrich

## Key areas of focus



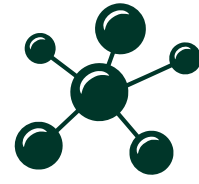
Challenging concepts in Biology



Practical Biology skills



Chemistry for biologists



Introduction to biological molecules



Identify, design and complete an individual project on a biological topic of interest

## Teaching method/technology use



Teams



Showbie



'Head Start to Biology' CGP book: currently free on [Kindle](#)



Project skills - pre-recorded PowerPoint every Tuesday. Mentor will supervise and mark **Final project** (voiceover PowerPoint). Submission deadline: Friday 26 June 2020.

## Optional extension activities method/technology use



### Books

'Power, Sex, Suicide: Mitochondria and the Meaning of Life' (Paperback) by Nick Lane  
'The Gene: an intimate history' by Siddhartha Mukherjee  
'The Body' by Bill Bryson  
'Sapiens' by Yuval Norah Harari



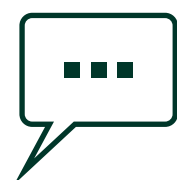
### Documentaries

'Seven Worlds, One Planet'  
'Dynasties'

'Chasing Coral'

'Big Animal Surgery'

'Inside Nature's Giants'



### Ted Talks

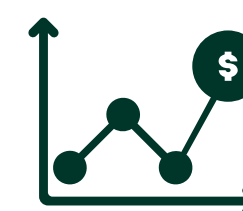
[What is Epigenetics? with Nessa Carey](#)  
[Animations of unseeable biology with Drew Berry](#)  
[TedTalk Talks to Make You Love Science](#)



### Podcasts

[University of Oxford Podcast series](#)  
[Ologies Podcast series](#)  
[The Infinite Monkey Cage](#)  
[BBC Inside Science](#)

## Key areas of focus



Introduction to finance



Introduction to marketing

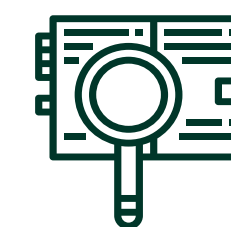
## Teaching method/technology use



Teams



Seneca – online course and quizzes (10/15 minute set up followed by 30 mins working through online course and quiz)



Independent research

## Optional extension activities method/technology use



### Online

[Tutor2u](#) has a lot of information to support learning. All PowerPoints are on the [Learning Space](#).



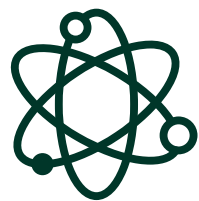
### Books

'The Facebook Effect: The Real Inside Story of Mark Zuckerberg and the World's Fastest Growing Company'

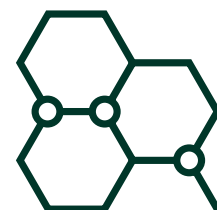
'Shoe Dog' - Phil Knight



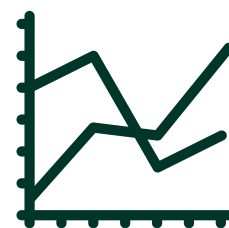
## Key areas of focus



Physical Chemistry



Organic Chemistry



Maths skills



Research skills

## Teaching method/technology use



Teams

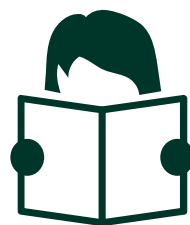


Showbie



Additional material in order to pursue areas beyond the curriculum

## Optional extension activities method/technology use



### Books

'The Disappearing Spoon: and Other True Tales of Madness, Love and the History of the World from the Periodic Table of the Elements' by Sam Kean  
 'Chemistry' by Linus Pauling  
 'A Chemical History of the Candle' by Michael Faraday  
 'The Sweetness at the Bottom of the Pie' by Alan Bradey  
 'Uncle Tungsten' by Oliver Sacks



### Podcasts

[Chemistry World](#)  
[The Infinite Monkey Cage](#)  
[The Naked Scientist](#)



### Things to watch

'The magic of Chemistry with Andrew Szydlo'  
 'Chemistry: A Volatile History with Jim Al-Khalili'  
 'Royal Institution Christmas Lectures: The modern alchemist'  
 'The Incredible Chemistry Powering your Smartphone' by Cathy Mulzer  
 'Is Fire a Liquid, a Solid or a Gas?' with Elizabeth Cox  
 'What is Entropy?' with Jeff Phillips  
 'Secrets of the Super Elements' (BBC)

## Key areas of focus



Intro to epic poetry, the judgement of Paris & Homer's Iliad



Intro to the performances & genres of Greek theatre

## Teaching method/technology use



Teams



Email



Showbie



Massolit lectures on Iliad & epic poetry

## Optional extension activities method/technology use



### Things to watch

Further research watching [Massolit lectures Omnibus articles](#) – note-taking and prep to be presented in September

Watch Antigone/Frogs online

[Edith Hall lecture on Iliad and Troy](#)

## Key areas of focus



Visual Basic Programming -  
Introduction (unit 1 of A-level)

## Teaching method/technology use

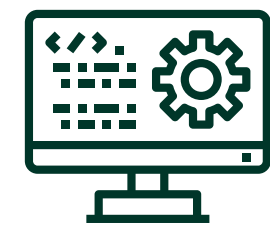


Teams/live view



Programming  
challenges can be done  
on paper if no access to  
laptop

## Optional extension activities method/technology use



**Online**  
[Project Euler account online](#)  
[to problem solve many](#)  
[mathematical problems with](#)  
[code](#)



## Key areas of focus



Introduction to  
Rambert Dance 1966-2002



Introduction to the professional work,  
'Rooster' by Christopher Bruce

## Teaching method/technology use



Teams



Email



Showbie



Online practical tasks



Independent research and work

## Optional extension activities method/technology use



**Things to watch**  
Watching professional works from [Rambert Dance Company](#).  
  
Access this through Dance professional library in the shared area.  
  
[Rambert Dance Company Resource pack \(online\)](#)



# Design Technology

## Key areas of focus



Design Project -  
Living in small spaces

## Teaching method/technology use



Teams



Showbie



Independent research  
and design project

## Optional extension activities method/technology use



[Learning Space](#) for technical resources

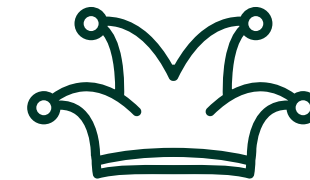
[Clickview](#) for suitable programmes

# Drama and Theatre Studies

## Key areas of focus



Introduction  
to the genre



Commedia  
dell'arte



Practical project  
based on  
stock characters



Theatre  
history project

## Teaching method/technology use



Teams



Showbie



Filmed  
practical  
examples



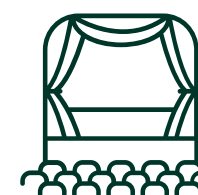
Online  
practical  
tasks

## Optional extension activities method/technology use



**Things to watch**

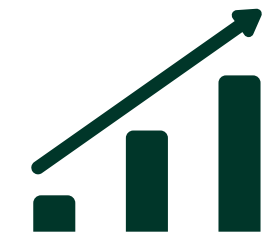
[Faulty Towers online \(YouTube\)](#)



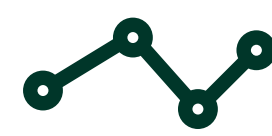
[National Theatre 'The World of Commedia dell'arte' \(YouTube\)](#)



Key areas of focus



Introduction to Economics as a social science (micro)



Introduction to Economics as a social science (macro)

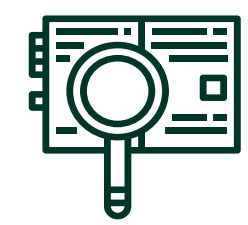
Teaching method/technology use



Teams



Seneca – online course and quizzes  
(10/15 minute set up followed by 30 mins working through online course and quiz)



Independent research

Optional extension activities method/technology use



Online

[CoreEcon \(Economics for a changing world\)](#)

[Tutor2u.com](#) also have videos online to help with content

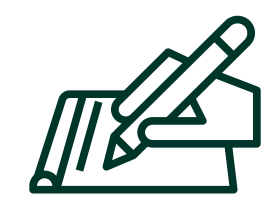


Books

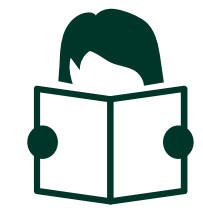
'Freakonomics' by Stephen J Dubner & Steven D Levitt

'The Undercover Economist' by Tim Harford

Key areas of focus



Crafting Language



Researching genre and audience · Introducing style models



Dramatic Monologues · Flash Fiction & Short Stories · Speeches · Travel Writing · Feature Articles & Editorial Writing



Skills of effective and accurate planning, drafting and editing

Teaching method/technology use



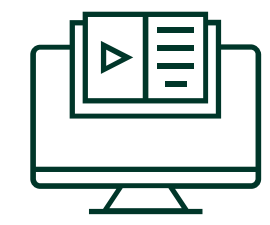
Teams



Email



Showbie



Pupils to practise and experiment with writing for different genres, audiences and contexts.



Tutorials

Optional extension activities method/technology use



Things to watch

As preparation for other aspects of the course:

Videos/Tutorials: [The Ling Space](#)  
[TV: The Secret Life of 4 Year Olds](#)



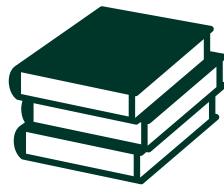
[Articles by David Crystal](#)



Podcasts

[Oxford University: Deborah Cameron](#)

## Key areas of focus



Component 4: Comparing Texts (NEA). How to choose texts for comparison



Literary stress test



How to make effective use of context



How to find and apply critical material



Proposals for NEA

## Teaching method/technology use



Teams



Showbie



OneNote



Presentations and tutorials

## Optional extension activities method/technology use



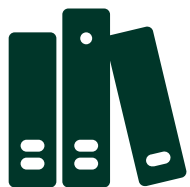
### Online resources

[Clickview](#)

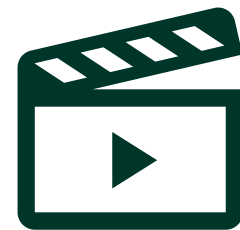
[Critical material at Jstor](#)

[Discovering literature at the British Library](#)

[The Victorian Web](#)



## Key areas of focus



### Film Lesson:

- Introduction to the study of film
- Developing range of critical and analytical skills in relation to film
- Gain wider vocabulary based on the world of film
- Exposure to authentic French in an interesting way



### Grammar and translation lesson:

- Complex grammar that is beyond GCSE
- Translation skills - traps in translation and how to avoid them

## Teaching method/technology use



Teams



Showbie



Zig Zag translation packs



Pupils would watch a film in advance of lesson



One hour per week to analyse characters, themes, setting, key scenes and their significance within the film



My Dynamic Learning



Work would be set and teacher would explain what was required in advance

## Optional extension activities method/technology use



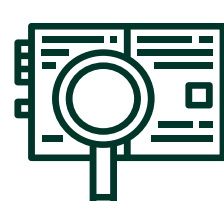
Pupils would complete relevant exercises on the film in question



Pupils encouraged to write well-argued and well-constructed essay(s) on the film



Dictation work



Flipped learning - pupils research complex grammar and teach the class



## Key areas of focus



## Introduction to globalisation – research and data skills

## Teaching method/technology use



## Teams



Email



Showbie

### Optional extension activities method/technology use

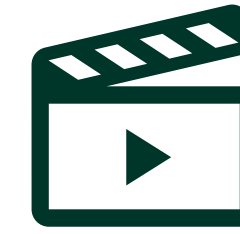


Use of publications such as the 'Economist' or 'National Geographic'



## Documentaries

## Key areas of focus



### Film lesson:

- Introduction to the study of film
- Developing range of critical and analytical skills in relation to film via completion of relevant exercises · Gain wider topic and technical vocabulary based on the world of film
- Exposure to authentic German in an interesting way



### Grammar and translation lesson:

- Complex grammar: consolidation and beyond
  - Developing translation skills - from and into German

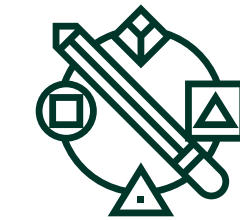
### Teaching method/technology use



## Teams



Showbie



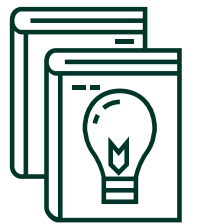
## Zig Zag translation packs



Pupils study relevant film-related material in advance of lesson



Analysis of characters, themes, setting, key scenes and their significance across a range of classic German films such as 'Die Welle', 'Good Bye Lenin!', 'Lola rennt', 'Die fetten Jahre sind vorbei' and 'Sophie Scholl' – Die letzten Tage.



## My Dynamic Learning

### Optional extension activities method/technology use



Pupils complete relevant exercises on the various films under review. Access to film reviews on websites such as [Deutsche Welle](#)



Pupils encouraged to write well-argued and well-constructed essay(s) on films



Dictation  
work



Targeted  
translation from  
literary works



Flipped learning  
- pupils research  
complex grammar  
and teach the class



# History

## Key areas of focus



Prep for Tudor and French Revolution studies – background work and some intro to skills

## Teaching method/technology use



Teams



Email



Massolit

## Optional extension activities method/technology use



Reading lists provided for each topic



Research (with help) contrasting historians' views of an individual or event



# Art

## Key areas of focus



Introduction to History of Art, key movements, artists and terminology

## Teaching method/technology use



Teams



Email



Independent research

## Optional extension activities method/technology use



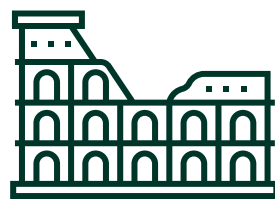
Research projects on artistic movements/artists



Online articles (e.g. Met Museum of Art)



Key areas of focus



Follow 'Taylor Latin Beyond GCSE' grammar course. Translating new authors.



Research 'Virgil Aeneid Book XII' 'Tacitus Annals 4'



Wider vocab learning

Teaching method/technology use



Teams



Email



Showbie



Massolit lectures on Aeneid (esp. book XI)



Penguin translation of 'Virgil Aeneid Book XII' 'Tacitus Annals 4'



Quizlet



Photographed pages of Taylor & texts

Optional extension activities method/technology use



Omnibus articles – note-taking and prep to present in Sept



Start prepping texts (as soon as they are published)



Watch and make notes on Massolit lectures

Key areas of focus

$$x(x+1)(2x-3)$$

Algebraic expressions



Quadratics

$$3 < 2x - 1 < 11$$

Equations and inequalities

$$y = mx + c$$

Straight line graphs



Complex numbers (for further mathematicians)

$$\begin{bmatrix} 6 & -3 & -1 \\ 3 & -9 & 2 \\ -1 & 1 & 3 \end{bmatrix}$$

Matrices (for further mathematicians)

Teaching method/technology use



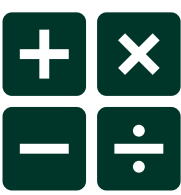
Teams



Showbie



OneNote



Work set on Monday, teachers available in specified slots for help, marked work submitted by Friday

Optional extension activities method/technology use



**Books**  
'Fermat's Last Theorem' by Simon Singh  
'The Music of the Primes' by Marcus du Sautoy  
'Alex's Adventures in Numberland' by Alex Bellos  
'Letters to a Young Mathematician' by Ian Stewart



**Podcast**  
[BBC Podcasts - A brief history of Mathematics](#)

## Key areas of focus



One 'Bach Chorale' lesson per fortnight (on Monday morning)

Conducted live on Teams with VJ focusing on:

- Chord labelling rules
- SATB voicing and characteristics
- Analysing & writing simple cadences
- Chord extensions e.g. 7th chords



Remaining three lessons per fortnight as independent research project with outcome via Word/PowerPoint document and embedded YouTube links titled:

'A History of Music' focusing on:

- Changes and development of Music from 1600-present
- Specific period characteristics broken into early/mid/late or sub-genres as appropriate
- Significant composers & works
- Aural analysis

## Teaching method/technology use



VJ available via Teams during the week (Monday and Friday morning)



Additional resources available via Showbie



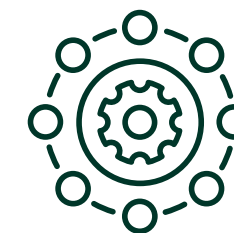
Independent internet/book research

## Optional extension activities method/technology use

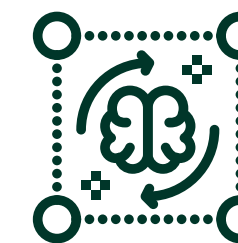


Essay skills; evaluation and comparison of works

## Key areas of focus



Introduction to Epistemology: global scepticism



A study that works towards answering the question: 'Can I be sure I'm not in a video game?'

## Teaching method/technology use



Teams



Email



Showbie

## Optional extension activities method/technology use



### Books

'Meditations on First Philosophy' by Rene Descartes  
'Descartes: A Very Short Introduction' by Tom Sorell  
'Plato: A Very Short Introduction' by Julia Annas  
'Scepticism: A Very Short Introduction' by Duncan Pritchard



### Podcasts

[The Panpsy Cast](#)  
[Cogito Ergo Sum Podcast](#)



### Films

'The Matrix'  
'Inception'  
'The Truman Show'



### Websites

[Stanford Encyclopedia of Philosophy - Skepticism](#)  
[Internet Encyclopedia of Philosophy - René Descartes \(1596—1650\)](#)  
[Philosophy Now - Plato: A Theory of Forms](#)



## Key areas of focus



Learning photography skills and putting these into practice



Increase knowledge of other photographers

## Teaching method/technology use



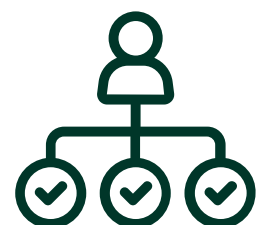
Teams



Email



Showbie



Teacher to set up and check in after each task completed (weekly basis)



Developing skills using the camera, iPad, Photoshop

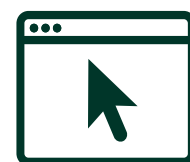


Independent research



Group criticals

## Optional extension activities method/technology use



### Online

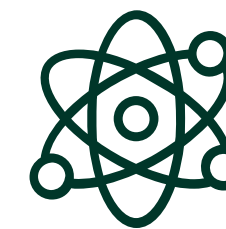
[HENI Talks - Stories of Art from the world's leading experts](#)  
[YouTube at Tate Britain](#)  
[The Photographers Gallery](#)  
[Photography-now](#)



### Software

Adobe Photoshop

## Key areas of focus



Short preparatory module on the discovery of the electron



**Skills and knowledge to be built on from GCSE:**

- Atomic Structure
- Forces
- Magnetism



- Experimental physics
- Standard form and prefixes
- Units
- Algebra

## Teaching method/technology use



Weekly lesson on Teams with some follow-up work or reading



Participants may find 'Head Start to A-level Physics' helpful (but not essential).  
[It is currently free for Kindle on Amazon.](#)

## Optional extension activities method/technology use



### Online

[BBC In our Time – Rutherford](#)  
[J.J. Thomson's Nobel Lecture](#)  
[Atom: Clash of the Titans](#)  
[Robert Millikan's Nobel Lecture](#)

## Key areas of focus

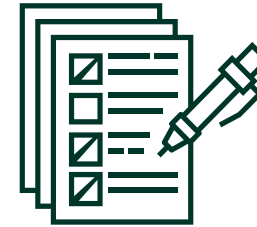


**Introduction to A-level PE with each lesson giving an overview of each topic:**

- Anatomy and Physiology
- Skill Acquisition - Sport and society
- Exercise physiology - Biomechanical movement
- Sport Psychology - Technology in sport



Preparation for synoptic questions



Command words – how to gain full marks in eight and one five-mark questions

## Teaching method/technology use



Teams

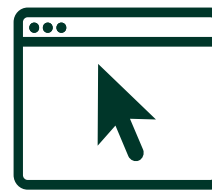


Stream for lesson content



Research-based lessons

## Optional extension activities method/technology use



**Online**

[Sport England](#)

[Brian Mac Sports Coach](#)

NGB websites, for example:

[The FA](#)

[The RFU](#)



AQA A-level PE textbook Nov 2016  
Version 2



Sports rules and coaching guides

## Key areas of focus



Introduction to Politics, including an overview of political ideology followed by the ideas of the current political parties and to what extent they are influenced by ideology



There will also be some preparation on essay and source skills

## Teaching method/technology use



Teams for lessons



Resources to be put into shared work for any required independent work

## Optional extension activities method/technology use



Pre-chewed politics



Documentaries



Reading list



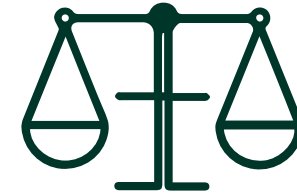
## Key areas of focus



Psychology as a science



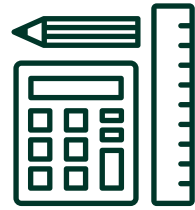
What is a theory?



Ethics



What is a study?



Maths skills



The art of evaluation



What is a research method?

## Teaching method/technology use



Teams for lessons



Showbie  
for shared work



Microsoft Forms  
for assessment



Learning Space  
(dedicated page for Year 11)

## Optional extension activities method/technology use



### Reading list:

'Lost Boys' by Gina Perry  
'Beyond the Shock Machine' by Gina Perry  
'The Marshmallow Test' by Walter Micshel  
'The Man Who Mistook his Wife for a Hat' by Oliver Sacks



### Podcasts

[The Psychology Podcast with Dr Scott Barry Kaufman](#)  
[Podcasts Directory - Hidden Brain](#)  
[BBC Podcast - All in the Mind](#)

## Key areas of focus



Introduction to Ethics



A study that works towards answering  
the question: 'What is an ethical life?'

## Teaching method/technology use



Teams



Email



Showbie

## Optional extension activities method/technology use



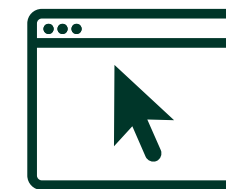
### Books

'The Moral of the Story: An Anthology of Ethics Through Literature' by Peter Singer  
'Ethics: A Very Short Introduction (Very Short Introductions)' by Simon Blackburn  
'Being Good: A Short Introduction to Ethics' by Simon Blackburn  
'Where Do Right And Wrong Come From?' (File 6 In The Philosophy Files) by Stephen Law, Orion Children's Books



### Podcasts

[The Panpsycast Philosophy Podcast](#)  
[BBC Podcast - Virtue](#)  
[The Open University - Ethics Bites podcast: The full series](#)



### Websites

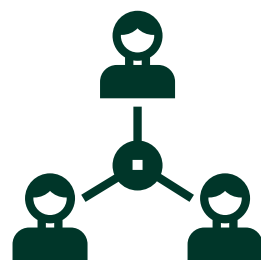
[BBC Introduction to ethics](#)  
[Stanford Encyclopedia of Philosophy](#)



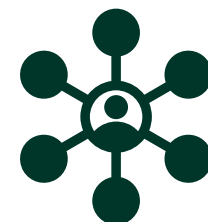
### Documentaries and films:

'Cowspiracy'  
'Our Planet'  
'The Big Short'  
'Dirty Money'

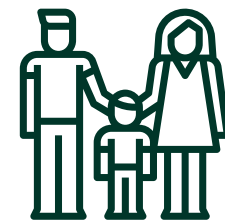
## Key areas of focus



What is Sociology?



Key perspectives in Sociology



An overview of Families & Households and Education



An Introduction to research methods

## Teaching method/technology use



Teams for lessons



Showbie for shared work



Each lesson would be an overview of the topic and pupils would have the rest of the week to complete some independent tasks



Learning Space (dedicated page for Year 11)

## Optional extension activities method/technology use



### Wider reading

'We Should all be Feminists' by Chimamanda Ngozi Adichie



**Newspapers** - Family Section  
BBC News, Guardian



Keeping a daily diary during this time not in School - useful for when looking at secondary sources of data



### Podcasts

[allsociology: take 1](#)

[BBC Thinking allowed Podcast](#)

## Key areas of focus



### Film lesson:

- Introduction to the study of film
- Developing a range of critical and analytical skills in relation to film
- Gain wider vocabulary based on the world of film
- Exposure to authentic Spanish in an interesting way



### Grammar and translation lesson:

- Complex grammar that is beyond GCSE
- Translation skills - traps in translation and how to avoid them

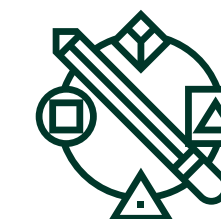
## Teaching method/technology use



Teams



Showbie



Zig Zag translation packs



Pupils would watch film in advance of lesson



One hour per week to analyse characters, themes, setting, key scenes and their significance within the film



My Dynamic Learning



Work would be set and teacher would explain what was required in advance

## Optional extension activities method/technology use



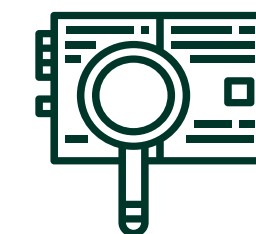
Pupils would complete relevant exercises on the film in question



Pupils encouraged to write well-argued and well-constructed essay(s) on the film



Dictation work



Flipped learning - pupils research complex grammar and teach the class

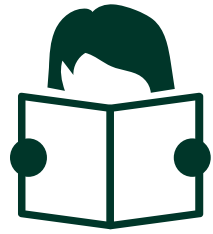


# Enrichment Opportunities





## Key areas of focus



Study Skills:  
Reading



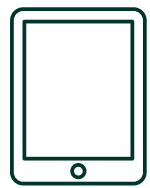
Taking notes, essay  
writing, effective study  
and revision techniques



Organisation,  
sticking to a  
regular routine



Environment



Use of  
resources



Motivation



Familiarisation  
of new  
vocabulary



Responding to  
new material

## Teaching method/technology use



Teams

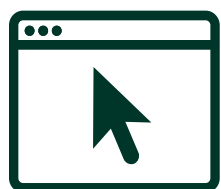


Email



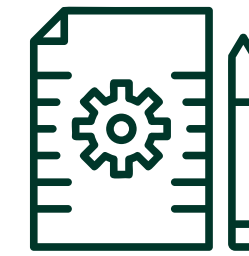
Showbie

## Optional extension activities method/technology use



Learning Space information

## Key areas of focus



Selecting a topic for  
EPQ



Research methods

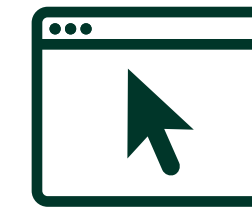


Time  
management



Presentation  
skills

## Teaching method/technology use



Futurelearn online course 'How  
to Succeed in Your EPQ'



Email support from  
coordinator

## Optional extension activities method/technology use



JSTOR

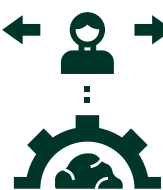
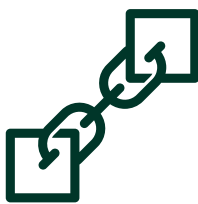
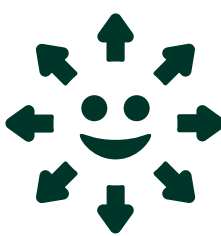





Google Scholar



## Critical Thinking Skills, Creative Problem Solving and Flexibility of Mind

Part of our super-curricula provision will be our 'Think like a Thinker' sessions. These sessions, run by a teacher/facilitator with a small group of Year 11 pupils, will focus on investigating, discussing, challenging and developing the number one and two skills identified by the OECD as the most important – critical thinking and creativity. Through six sessions, over six weeks, pupils will take on a new topic each week – one that has global resonance and impact not just today, but into the near future. Each pupil will spend a short amount of time preparing the topic/theme, then the session will run during a period on Friday (exact times will be emailed to pupils later). This session will be delivered through the Teams application. The first sessions will commence on Friday 15 May 2020. The topics and themes are:

- |   |  |  |
|---|--|--|
|  <p><b>1. Behavioral Science</b> – Complexity science and human behaviour</p>      |  <p><b>2. Cryptocurrency and Blockchains</b> – could Blockchain make life fairer for all?</p> |  <p><b>3. Happiness</b> – Synthetic happiness vs real happiness</p> |
|  <p><b>4. Intelligence</b> – The mysterious workings of the adolescent brain!</p> |  <p><b>5. Statistics</b> – How not to be ignorant and beat the chimps</p>                    |  <p><b>6. Women in Business</b> – Time to lean In</p>              |

Developing skills of discussion, critical thinking and scholarly intellectual gymnastics is a core attribute to help support pupils to excel at A-levels. A key outcome of the sessions is to take this newfound knowledge and discuss with parents/guardians at home, so the debate and presentation of ideas is not just fixed between School and pupils, but includes our parent body as well.

## A-level Options and Careers Advice

While all Year 11 pupils have had a careers interview, the Careers Department is available for further options and career guidance advice via MS Teams.

Please note: any changes to A-level subject choices will be dependent on the options blocks, spaces being available in a subject, the pupil meeting the entry requirements for that subject and the school's confidence that a pupil will be able to access the curriculum in any chosen A-level.

To arrange an online meeting with the Careers Department, please email Mr McDermott, Director of Careers and Head of Oxbridge, at: [terry.mcdermott@surbitonhigh.com](mailto:terry.mcdermott@surbitonhigh.com)

## Virtual Work Experience Week: 15 June - 19 June

To ensure that Year 11 pupils don't miss out on work experience week and its many benefits, we are creating a special programme to take place. 'Virtual Work Experience Week' will provide pupils the ideal opportunity to:

- Review key strengths, assess these against current career interests and explore links with new potential careers to expand horizons.
- Take part in immersive career experiences and access specially created resources and material produced in collaboration with our contacts within different sectors.
- Provide pupils with a platform to learn about key 21st century and employability skills such as workplace communications, positive attitudes and behaviours, transferable skills and self management.

The programme will also include fun sessions, quizzes and team activities where possible.

Look out for more information on 'Virtual Work Experience Week' which will be updated over the coming weeks.





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