



## Year 11 into 12 Summer Homework



In order to prepare for your new Sixth Form subjects, please read the subjects that you will have enrolled on in preparation for the start of school in September.

You will be expected to complete the tasks PRIOR to your first lesson.

If you have any questions please direct them to the subject leader.

**DON'T LEAVE IT UNTIL THE LAST MINUTE!!!!**

**Subject: Acting**

**Exam Board: RSL**

**Date of exam/Final submission: Summer 2021**

RSL Creative and Performing Arts Diploma (Acting) – (equivalent to x2 AS Levels).

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### **Task 1: *Live Performances***

Before the start of the course you need to watch at least one live theatre performance.

You will need to write a review / evaluation of the show. It should be around one page of typed A4 and should evaluate the production and performance, thinking about what was effective and why.

### **Task 2: *Recorded Performance***

You should find a piece of acting on screen that you consider to be an example of very strong acting. This can be from either Film or Television and you should be able to talk about the reasons *why* you believe it to be good acting. Again you must evaluate this as stipulated above.

***Recommended reading:*** *An Actor Prepares* - Constantin Stanislavski.

**Subject: Art & Fashion**

**Exam Board: Edexcel**

**Date of exam/Final submission: Summer 2021**

A-Level 2 Year course

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***Artists and Fashion Designers - Your task over the summer is to create a visual diary of the next six weeks.***

Create a Visual Diary - Ensure that you record something almost every day, whether it is notes, sketches, paintings, ephemera or photographs that you take. Keep your sketchbook with you at all times and use it at every opportunity.

Use it to record visits, journeys and trips to museums and galleries. Use it to produce some sustained drawing or painting from time to time as well as quick studies. Keep it with you wherever you go. You may choose to present your work in whichever format you choose. Your Visual Diary will be submitted for assessment on the first Art or Fashion lesson back on your return in September.

Choose at least **two** exhibitions to visit over the summer break and record each visit in as much detail as possible. Research the exhibition before you visit, read about the work, watch videos that explain the context of the show and how and why the artists have created the work. Make drawings, write notes and collect postcards/fliers that illustrate the artwork. Most importantly, write about your personal responses to seeing and experiencing the work, how has it made you feel or think? Has it given you ideas of your own that you would like to explore next term?

Here are some suggested gallery visits that we think you will enjoy:

***Remember, many London galleries are free or offer discounted student entry. If you do have to purchase a ticket, keep the receipt, we will reimburse you in September. All the institutions listed below are free to enter and enjoy their collections.***

***NATIONAL GALLERY, TATE MODERN, TATE BRITAIN, NATIONAL PORTRAIT GALLERY, VICTORIA AND ALBERT MUSEUM, ROYAL ACADEMY OF ART, ROYAL ACADEMY SUMMER EXHIBITION (free under 16, £11 16-18), JERWOOD SPACE, THE FASHION AND TEXTILE MUSEUM, GASWORKS GALLERY, DRAWING ROOM, THE DESIGN MUSEUM, THE PHOTOGRAPHERS' GALLERY.***

Always find out what special events are planned for the exhibitions – do your research online. Visit the gallery blog to find out more about the making of the exhibition. Prepare beforehand, check out opening times and whether you will need to book or not.

Good luck and enjoy the summer, see you in September!

**Subject:** Biology

**Exam Board:** OCR

**Date of exam/Final submission:** Summer 2021

Linear A-Level (2 Year course)

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Questions to answer:

1. Describe the structure and function of the organelles in eukaryotic cells
2. Explain how hydrogen bonding occurs in water molecules and relate this to its properties and its role in living organisms.
3. How do enzymes work, how and why are they affected?
4. Describe the process of semi-conservative replication.
5. Discuss how polypeptides are synthesised, with reference to both translation and transcription

Useful websites:

- <http://www.ibiblio.org/virtualcell/index.htm> – An interactive cell biology site
- <http://www.accessexcellence.org/RC/VL/GG> – A web site showing illustrations of many processes of biotechnology
- <http://www.uq.oz.au/nanoworld> – Visit the world of electron-microscopy
- <http://www.dnai.org/a/index.html> – Explore the genetic code
- <http://royalsociety.org> – Podcasts, news and interviews with scientists about recent scientific developments
- <http://www.nhm.ac.uk> – The London Natural History Museum's website with lots of interesting educational material
- [http://www.bbc.co.uk/news/science\\_and\\_environment](http://www.bbc.co.uk/news/science_and_environment) - The BBC news page for Science and the Environment
- <http://www.nationalgeographic.com/> - The National Geographic's site for general science articles.

Useful reading:

- Anything by Richard Dawkins
- Charles Darwin: The origin of species
- Bill Bryson: A Short History of Nearly Everything
- Matt Ridley: Genome: The Autobiography of a Species in 23 Chapters
- Steve Jones: The Language of the genes
- James Watson: DNA: The Secret of Life

**THESE TASKS MUST BE COMPLETED PRIOR TO THE START OF**

# THE A LEVEL BIOLOGY COURSE IN SEPTEMBER

**Subject: BTEC Business**

**Exam Board: EdExcel**

**Date of exam/Final submission:** Summer 2021

BTEC (Foundation Diploma, Level 3: 2 Year course)

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**Unit 1 topic:** Business Environment

**Task:** Create a presentation answering the following question.

*"What is the role played by business in the modern world?" You will be expected to speak for no more than 3 mins.*

**Expectations for the presentation:**

- Must be produced in PowerPoint
- You must not read from the slides
- The slides must have only key information and messages
- Maximum 4 slides
- Slides must be well presented, visually pleasing and follow a consistent theme/colour scheme.
- Sources of information MUST be acknowledged

**Extension:**

For additional marks you could create 1 more slide which could focus on a specific business and the impact it has on the economy in the UK, it must be clear how and why it has this impact.

**Extended reading/research/Weblinks**

- BBC News
- Times 100
- London loves Business

The expectation is that you search for your own information from credible sources, this is a key requirement of the course and it is an expectation that you develop these skills. To get you started I have provided a few useful websites above.

**Subject:** Chemistry

**Exam Board:** OCR

**Date of exam/Final submission:** Summer 2021

Linear A-Level (2 Year course)

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### **Task 1**

#### **Atomic structure and properties of substances project**

*Your task is to prepare an extended project report on the development of the atomic structure and how the electronic structures of the atoms influence bonding and the properties of substances.*

1. Explain clearly the development of the structure of the atom and the contribution of different scientists to our current understanding.
2. Use examples to clearly demonstrate the different types of structures resulting from different types of bonding. Explain in particular the significance of the electrons and how the properties of the substances relate to the bonding.
3. Explain in as much detail as possible the physical properties and the trends in chemical properties and of the group 1, group 2, group 7 and group 0 elements. Use balanced equations to illustrate the trends.

**Please ensure you use more than one resource including at least ONE BOOK.**

### **Task 2**

#### **Quantitative chemistry**

Your task is to read and complete the tasks in the 'Introduction to Quantitative Chemistry' booklet that you will be given in the taster session. If you don't attend the taster session but intend to undertake chemistry at A level then email Ms Tratt, [tratt.j@thenorwoodschoo.org](mailto:tratt.j@thenorwoodschoo.org), to receive a copy of the work.

#### **Some Useful websites for chemistry**

<http://www.rsc.org/learn-chemistry/>

<http://www.chemguide.co.uk/>

<http://www.docbrown.info/page13/page13b.htm>

<http://www.chembook.co.uk/>

## **Subject: Dance**

**Exam Board : RSL**

**Date of exam/Final submission:** Summer 2021

RSL Creative and Performing Arts Diploma (Acting) – (equivalent to x2 AS Levels).

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### **Task 1: Choreography**

1. **Task:** Research one of the following choreographers: Sidi Larbi Cherkaoui, Jiri Kylian, Hofesh Schecter or Bob Fosse.
  - a) **Identify how their ethnic and cultural background has had an impact on their work.**
  - b) **Identify two contrasting works commenting on similarities and differences.**
  - c) **Give your opinion of their work; what did you like/dislike about it and why their work is valuable to society.**

**Extended reading/research/Weblinks**

Type in their names on youtube and watch: Zero Degrees, Sutra – Sidi Larbi Cherkaoui

Birthday and Fallen Angels – Kylian, Political Mother – Schecter, Fosse and Chicago - Fosse

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### **Task 2: Dance Technique and Performance**

2. **Task:** Please follow this programme of exercise 3-4 times a week so that you are fit for class in September.
  - 50 situps with legs in parallel
  - 20 press ups
  - Plank 1 minute (Try and build up to 2 minutes)
  - 50 squats
  - 50 lunges alternating legs
  - Hamstring stretch( touch your toes, head on knees and hold it for 30 secs x 3)
  - Straddle stretch( sitting down in second position, hands behind head lean forwards to get your nose on the ground for 30 secs x 3)
  - Balance on one foot with the other toes touching the side of your knee then rise onto tiptoe, try to hold it for 3 secs, then swap x 3
  - Point and flex your feet 20 times
  - Go running or play as much sport as you can.

**Subject:** English Literature

**Exam Board:** AQA (Specification A)

**Date of exam/Final submission:** Summer 2021

Linear A-Level (2-Year course)



You should read **The Colour Purple, by Alice Walker**, in preparation for studying modern literature post-1945. You should also read **at least one** of the following pre-1900 novels in preparation for your coursework. If you are unsure what to choose then please ask an English teacher for some advice! I would also massively recommend audiobooks - you can often download these for free.

Pre 1900 Texts for coursework:

Author	Text	
Jane Austen	Northanger Abbey	Northanger Abbey was Jane Austen's first novel and was written between 1798 and 1803. The novel is a coming of age tale, focusing on the comedic adventures of a sheltered seventeen-year-old girl who learns to navigate the polite society of Bath (a popular English resort town) and Northanger Abbey (the fancy home of one of the book's wealthiest families). It makes fun of other novels of the Gothic genre.
Anne Bronte	The Tenant of Wildfell Hall	The Tenant of Wildfell Hall begins with the arrival of the beautiful and mysterious Mrs Graham in a quiet country neighbourhood. Everyone is thrilled to have someone new to talk about, but infuriated by the secrecy that surrounds her. Nasty rumours circulate. Many have claimed this to be the first feminist novel.
Charles Dickens	Great Expectations	A great success in its time- like most of Dickens's work, it addressed contemporary issues of social justice and inequality. While England was growing rich and powerful in the era of colonialism and the Industrial Revolution, Dickens saw the injustice that ran rampant among the working and lower classes.
George Eliot	The Mill on the Floss	A book full of fun melodrama and when you look beyond this you are left with a family drama. The families in this book fight a lot. Family members wish they weren't related to one another, and sometimes can't stand to be around one another. But they also stick up for each other, love each



		other, and try to support each other when times are tough.
Oscar Wilde	The Picture of Dorian Gray	Scandalous in its time, this is the story of Dorian, who does not want to grow old and will do anything to prevent it.
Joseph Conrad	The Heart of Darkness	According to Conrad: 'A wild story of a journalist who becomes manager of a station in the (African) interior and makes himself worshipped by a tribe of savages. Thus described, the subject seems comic, but it isn't.'
Henry James	The Turn of the Screw	The turn of Turn of The Screw is a ghost story told around the fire at Christmas Eve, as was the tradition. A sinister tale which get you thinking about the reliability of narrators...
Thomas Hardy	A Pair of Blue Eyes	A novel of romance and adventure, from which the term 'cliffhanger' was invented... the story was serialised and at the end of one part a character is left quite literally hanging off a cliff!
Leo Tolstoy	The Kreutzer Sonata	When this novella was published in 1889 it was then promptly banned by Russian authorities. It is a short story which explores sexual abstinence and jealousy.
Fyodor Dostoevsky	The Double	The Double centers on a government clerk who goes mad. It deals with the internal psychological struggle of its main character, Yakov Petrovich Golyadkin, who repeatedly encounters someone who is his exact double in appearance but confident, aggressive, and extroverted, characteristics that are the polar opposites to those of the toadying "pushover" protagonist
Henrik Ibsen	A Doll's House	This play uses realism to explore the idea, shocking in Victorian society, that perhaps a woman's place in life wasn't to just raise children!

When you return from the summer you will be asked to provide a review of the two texts which you have read. Two things to consider:

If you can't manage reading these two books over the summer, you're not going to manage the next two years. Sorry.

Our school library has a number of the books above and is a great place to start with your holiday reading. If you can't find what you want here then try the following:

<https://www.gutenberg.org/> - global resource with over 49,000 free e-books (plus a mobile site) – an amazing project

You can (and should) buy good 2<sup>nd</sup>-hand books on Amazon at a fraction of the cost of new Second-hand books: under Waterloo Bridge, on Charing Cross Road, Waterstones on Gower Street (right by the University of London Union and Senate House Library – top floor); from

charity shops (e.g. the British Heart Foundation bookshop on Streatham High Road)

If you are looking for some further reading, try these inspiring websites:

<http://www.bl.uk/> - the British Library's website has lots of fascinating texts – and the permanent collections of the library itself are well worth a visit

<http://electricliterature.com/>

<http://bookriot.com/>

<http://booksellercrow.co.uk/> - website of a brilliant local bookshop (on Westow St, in Crystal Palace) – worth a visit for advice on good books

**Subject: Film Studies**

**Exam Board: WJEC**

**Date of exam/Final submission:** e.g. Summer 2021

A-Level (2 year Linear course)

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**Unit 1 topic: Micro Analysis**

**Task:** Watch as many of the following films as you can: **American Beauty** (dir. Sam Mendes, 1999), **Moulin Rouge!** (dir. Baz Luhrman, 2001) **The Shining** (dir. Stanley Kubrick, 1980), **Edward Scissorhands** (dir. Tim Burton, 1990) **Citizen Kane** (dir. Orson Welles, 1941).

Choose a scene between 3 and 5 minutes long. Note down how each of the following is used to tell the audience both explicit and implicit messages:

- colour
- setting
- props
- performance
- sound
- costume
- hair/makeup
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**Extended reading/research/Weblinks**

**Magazines**

Empire, Total Film, Sight and Sound

**Websites**

imdb

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**Unit 2 topic: Film Studios**

**Task:** Use the internet to research and answer **one** of the following questions with a 300 word essay:

- The impact of Cleopatra (dir. Joseph Mankiewicz, 1963) on 20<sup>th</sup> Century Fox
- The impact of television on the American Film industry in the 1950s
- The impact of VCRs on censorship in film

### **Extended reading/research/Weblinks**

Wikipedia

IMDB

**Subject:** French

**Exam Board:** EdExcel

**Date of exam/Final submission:** May-June 2021

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Preparing for the course:

Materials.

- It will be highly recommended to invest in a substantial **bilingual dictionary** for use at home. The ***Oxford Concise Hachette French*** dictionary is highly recommended and is appropriate for the demands of the course. The pocket dictionaries used at KS3 and KS4 are no longer sufficient.

-The **Edexcel A Level Grammar Practice** book contains all the key grammar covered by the course and will enable you to practice independently the key grammatical concepts.

-You will be provided with an exercise book, but you will need to get hold of an **A4 or A5 notebook** and an **A4 ringbinder** for recording new vocabulary.

Reading List/Research.

You will need to study one literary text and one film on this course. In preparation for the course, you should get hold of and read the following text (it is quite a short book):

- L'Étranger (the Outsider), Albert Camus, 1942 (novel) ;

and the following films (we will study one of these):

- La Haine, dir. Mathieu Kassovitz (1995)
- Entre les murs, dir. Laurent Cantet (2008)

You can pick up a 2nd hand copy of these films/books cheaply on Amazon. It is a good idea to have a translation and well as the French version of the Camus novel.

### Independent study.

The following website is free to use and should be used over the summer for independent study of grammar and vocabulary:

<http://www.s-cool.co.uk/a-level/french>

In addition, you should keep abreast of current affairs on one or all of the following news websites:

<http://www.lemonde.fr/>

<http://www.liberation.fr/>

<http://www.lefigaro.fr/>

Try to choose a story that interests you each week, translate it and note down any new vocabulary in your vocabulary book.

**Subject:** Geography

**Exam Board:** Edexcel

**Date of exam:** Summer 2021

Linear A-Level (2 Year course)

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### **Topic 1: Tectonic Processes and Hazards**

**Task:** Report on two global hazard hotspots.

The Philippines and California are both considered to be a hazard hotspot because they both have more than one potential hazard that could strike. You need to write a 2 page report on these two places including (a) what hazards you find there and why they happen (b) how the hazards are dealt with (c) a comparison between the responses of the two locations

It is expected that you include a range of maps, diagrams and charts to help support your report. Please make sure you reference each figure used and give each a title (e.g. Figure 1 A map of....)

#### **Extended reading/research/weblinks:**

Any news agency includes a range of up-to-date articles on these hazards

<http://www.emdat.be/> - the global disaster monitoring website (EM-DAT) from CRED

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### **Topic 2: Coastal Landscapes and Change**

**Task:** Information brochure on the South Coast

As part of the course we will be visiting Swanage Bay where we can see places such as Lulworth Cove, Old Harry Rock, Durdle Door and Chesil Beach. For each of the following include an image and an explanation as to how it was formed on a Word document:

1. Lulworth Cove
2. Old Harry Rock
3. Durdle Door
4. Chesil Beach

<http://jurassiccoast.org/discovering/lulworth-cove-visitor-centre/> - the Visitors Centre at Lulworth Cove on the Jurassic Coast

**Subject:** Government and Politics

**Exam Board:** Edexcel

**Date of exam:** Summer 2021

Linear A level – 2 year course

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**TASK 1: UK Politics paper 1 - Debates over suffrage (voting)**

1. **TIMELINE:** Create and illustrate a timeline of the extension of the vote in the United Kingdom (including the 1832 Great Reform Act & 1918, 1928 and 1969 Representation of the People Acts).

<https://www.parliament.uk/historyofparliament>

2. **PROJECT:** Research in depth and present the work of a current movement to extend the franchise [either extending the vote to prisoners or extending the vote to 16 & 17 year olds]:

**(i) The movement to extend the vote to prisoners**

<https://www.theguardian.com/society/2008/sep/19/prisonsandprobation.civilliberties>

<https://www.theguardian.com/politics/2017/dec/07/council-of-europe-accepts-uk-compromise-on-prisoner-voting-rights>

<http://www.prisonreformtrust.org.uk/WhatWeDo/ProjectsResearch/Citizenship/BarredfromVoting>

<https://www.bbc.co.uk/news/uk-11674014>

(ii) or The movement to extend the vote to 16 year olds

<https://www.electoral-reform.org.uk/campaigns/votes-at-16/>

<https://www.theguardian.com/politics/2018/apr/27/cross-party-push-for-votes-at-16-and-17>

<http://www.bbc.co.uk/newsbeat/article/39921090/will-the-voting-age-ever-be-lowered-to-16>

<http://www.democraticaudit.com/wp-content/uploads/2014/07/Votes-at-16.pdf>

**TASK 2: UK government paper 2 - The PM**

Choose one Prime Minister since 1979 and research them in depth. Create an information collage with your Prime Minister in the centre. Include the following information in detail:

- The length of their tenure
- Their political background
- Their ideology (conservatism, liberalism, socialism)
- Key policies introduced during their tenure including their ‘flagship’ policies. Policy areas include education, health, defence, policing, environment, transport, culture, etc.
- Significant events during their term of office.
- Factions within their political party
- A Prime Minister’s prerogative powers
- The circumstances of their downfall
- Positives and negatives of their tenure (in your opinion) & reasons why

**TASK 3: UK government: Non-core political ideas (multiculturalism)**

According to this article what are the flawed approaches (& criticisms) to cultural diversity in both assimilationist France and multicultural Britain:

<https://www.theguardian.com/commentisfree/2015/nov/15/multiculturalism-assimilation-britain-france>

**Optional: Debate on legalising medicinal cannabis and recreational cannabis.**

Follow the debate on legalising medicinal cannabis (and the different parties involved). Also follow the debate on legalising recreational cannabis (see article written by William Hague in the Telegraph). Also follow the arguments of those arguing for and against legalising recreational cannabis. Radio 4 has some good debates.

*To become law what would need to happen?*

The expectation is that you also search for your own information from credible sources. Good

luck! We look forward to viewing your creations.

Any questions: fooks.a@thenorwoodschool.org and issaka.s@thenorwoodschool.org

## **A-Level GRAPHICS: Summer Project 2019**

Hi designers,

Well done on completing your GCSEs, but as the saying goes, there is no rest for the wicked and it is time to begin the groundwork for your A-Level Graphics course.

This course requires you to be more independent, more conceptual, more investigative and is designed to allow you to develop and implement your own ideas in depth.

We will go into more detail about how the course is structured and the units you will complete in September. For now, please concentrate on the tasks outlined on this sheet and spend the summer spending time observing the design that's all around you!

The tasks opposite MUST be presented in a group critique on the first lesson back after the summer holidays. Be prepared to share your blog, sketchbooks, drawings, ideas and notes with the group.

*Have a great summer! Ms Cowley*

### **Summer Tasks**

#### **1: Visit at least one of the following locations on the list:**

- Foyles Bookshop (Charing Cross Rd)
- Forbidden Planet (Shaftesbury Ave)
- Magma (Covent Garden / Clerkenwell)
- Gosh Comics (Berwick St, Soho)
- Creative Review (Soho)
- The Photographer's Gallery Bookshop (Ramillies Street, off Oxford Street)
- Tate Modern bookshop (South Bank)

- Dover Bookshop (Covent Garden)
- Royal Academy Summer Exhibition (Piccadilly)

## 2. Complete the following;

- Find three interesting pieces of design, stories, books or publications relating to graphics and illustration and make some detailed notes on these. Include why you have chosen them, what interests you about them, and a few examples of the work as well as thumbnail sketches or photographs in response.

**If you can purchase one of the books you like, please do so—it would really benefit you over the 2 year course in terms of inspiration and reference material.**

**3. Present your findings creatively either in a blog format, or hand drawn as a visual brainstorm on A3. Here are some suggestions of blog sites you may wish to use:**

- [www.blogger.com](http://www.blogger.com)
- [wordpress.com](http://wordpress.com)
- [kidblog.org](http://kidblog.org)
- [www.sitebuilder.com](http://www.sitebuilder.com)

**Subject:** History

**Exam Board:** Edexcel

**Date of exam/Final submission:** Summer 2021

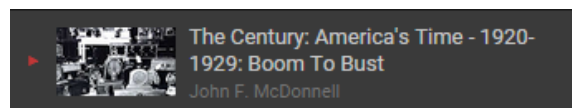
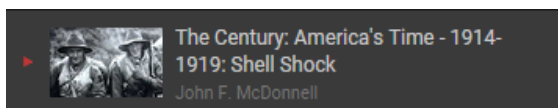
Linear A-Level (2 Year course)

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**Paper 1 topic:** In search of the American Dream: the USA, 1917–96

**Task:** Please prepare the following in writing:

1. What is the American Dream?
2. Make a timeline of American Presidents between 1917 and 1980. Carry out some basic research in to each president. It will become clear who the most significant presidents were. Make notes around each one to show what major events took place in their reign.
3. Begin to watch *The Century: America's Time* documentary series on YouTube. As a minimum, you should watch the episodes on war (1914 – 1919) and on the Roaring Twenties (1919-1929)



**Extended reading/research/Weblinks:**

- Hugh Brogan, *The Penguin History of the United States of America* (Penguin, 2001).
- David Mauk and John Oakland, *American Civilization* (Routledge, sixth edition, 2014). Chapter 1.
- Peter Clements, *Prosperity Depression and the New Deal* (Hodder Education, third edition, 2005).



Chapter 1.

- 'The Men who built America':

[www.history.com/images/media/pdf/Men%20Who%20Built%20America.pdf](http://www.history.com/images/media/pdf/Men%20Who%20Built%20America.pdf)

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**Paper 2 topic:** South Africa, 1948–94: from apartheid state to 'rainbow nation'

**Task: Watch 2 of the following films:**

What have you learnt from the film about the relationship between White and Black South Africans? (Min 500 words – Max 1000 words)

**Extended reading/research/ Films /Weblinks:**

**Films:**

*Invictus, Long Walk to Freedom, Cry Freedom, Sarafina – to name a few excellent films on the troubled road of Apartheid South Africa to Freedom*

- <http://www.southafrica.info/about/history/history.htm#.VXBvldJViko>

Useful introduction to South African History

**Subject: ICT**

**Exam Board BTEC National**

**Date of exam/Final submission:** Summer 2021

Btec (Double award, Level 3 – 2 Year course)

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**Unit 14 Event Driven Programming**

**Task: 14**

**Students will receive an email to download a file and complete a range of Python tutorials.**

Afternoon all,

1. Download PyScripter (attached)

2. Watch and follow the Tkinter tutorials which will show you how to create an interactive interface in Python.

<http://www.youtube.com/watch?v=rcACl0sUJeQ&index=1&list=PL8BEB66FBE6DB97AF&safe=active>

3. Save your work on a USB and be prepared to show and tell what you were able to produce

Kind regards

Mr Skelly

**Subject: Mathematics A level**

**Exam Board: Edexcel**

**Date of exams: Summer 2021**

Linear A-Level - Students will complete the full A level exam in May/June 2021

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**Task 1:**

Students must complete the transition homework booklet. This booklet will be distributed after GCSE Maths paper 3, or can be collected from the school office. Please ensure you collect the booklet prior to the summer holidays as you will need a significant amount of time to complete it.

You must show your working and self-assess your work using green pen.

The booklet must be submitted in your first Mathematics lesson.

**Extended reading/research/Weblinks**

Students should use online resources such as Hegarty Maths to assist them in completing the booklet.

<https://hegartymaths.com/login/learner>

It is also advisable to create an account with Dr Frost Maths.

<https://www.drfrostmaths.com/login.php?url=%2F>

**Subject: MEDIA Studies**

**Exam Board: WJEC**

**Date of exam/Final submission:** Summer 2021

Linear A-Level (2 Year course)

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**Unit 1 topic: Analysis**

**Task:** Choose 1 film, 1 music video, 1 magazine cover and 1 DVD cover.

For each, note down how the following has been used to create explicit and implicit meanings:

- costume
- setting
- colour
- props
- hair/makeup
- performance (for audio/visual only)
- font (for print only)

Use your notes to write a 300 word overview for **one** of these media formats.

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**Unit 2 topic: Production**

**Task:** On an A4 piece of paper, design **one** of the following:

- the cover of a new woman's magazine
- the cover of a new men's magazine
- a DVD cover for a new film (front and back)
- a CD cover for a new artist (front and back)

Write a 300 word essay explaining your style decisions for each of the following:

- colour
- layout
- fonts
- people positioning
- props
- settings
- costumes

### **Extended reading/research/Weblinks**

Look at existing texts to influence your choices.

#### **Subject: Music**

#### **Exam Board: RSL**

**Date of exam/Final submission:** Summer 2021

Tech Level - Music Practitioners - Performance

The same UCAS weighting as one A-level

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#### **Live performance**

##### **Task:**

Prepare a solo musical performance that you can perform for the group.  
It can be an original piece of music or a cover version.

It could also be a piece of music that you create using music technology – make sure that it shows off your musical skills to the best of your ability.

### **Extended reading/research/Weblinks**

<http://voicecouncil.com/>

<https://www.youtube.com/user/HDPIano>

<https://www.youtube.com/user/onlineguitarschool>

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#### **Songwriting**

##### **Task:**

Listen to at least three episodes of the 'Switched on Pop' podcast (roughly 20 minutes each)  
– try and pick artists that you would not normally listen to – come to the lesson 1 prepared to talk about what you heard

### **Extended reading/research/Weblinks**

<https://www.switchedonpop.com/>

**Subject:** Philosophy & Ethics

**Exam Board:**

**Date of exam:** Summer 2020-21

Linear A level – 2 year course

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**Task:** Research the following

- a) What is Philosophy?
- b) What is Ethics?
- c) What is Moral Philosophy
- d) The relationship between Philosophy and Religion
- e) The view of Philosophy about God

Task 2

Choose one of the following, read it and make notes

Berkeley, G, Three dialogues between Hylas and Philonous, (Page 1713)

Descartes, R, Meditations on first philosophy, (Page 1641)

Gettier, E, Is justified true belief knowledge?, ( Page 1963)

Task 3

**Teleological/design arguments**

Find out the meaning of the Teleological/design arguments, also investigate

William Paley's design argument: argument from spatial order/purpose.

**Subject: PHYSICS**

**Exam Board: OCR SPECIFICATION A**

**Date of exam/Final submission: SUMMER 2021**

Linear A-Level (2 Year course)

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Questions to answer:

- Describe the behaviours of both current and voltage in series and parallel circuits.
- Explain why metal conductors in electrical circuits are able to carry electrical current.
- State the symbol and units for the following electrical quantities; current, voltage, capacitance, resistance, charge, resistivity, power and electrical energy.
- Explain how current is induced by a generator in a power station. You must describe the position of the magnets and the coil of wire needed.
- Describe how an ammeter and a voltmeter should be connected in a circuit
- Explain the role and use of motors in devices including domestic appliances, hard disc drives, DVD players and electric motor vehicles.
- Describe differences between nuclear fusion and nuclear fission.
- Explain how Rutherford's alpha scattering experiment lead to the nuclear model of the atom.
- Describe what is meant by half-life and give examples to support your explanation
- Describe differences between alpha, beta and gamma radiation.
- State uses and dangers of alpha, beta and gamma radiation.
- Design an investigation to measure how the terminal velocity of a paper cone varies with its mass. Explain how you will manipulate the independent variable and how you will keep the other variables constant. Describe what measurements you will take and how the data will be used to reach a conclusion.
- Describe the relationship between resistivity and conductivity.
- Describe the advantages and limitations of the Wenner method when trying to determine the substance of a piece of land using a resistivity model.
- Describe the method and findings from Millikan's photoelectric experiment.
- Describe the method and findings of Young's double slit experiment.

Useful websites:

- <https://www.ocr.org.uk/Images/82528-specification.pdf> - OCR GCSE Physics specification
- <https://www.ocr.org.uk/qualifications/as-and-a-level/physics-a-h156-h556-from-2015/> - OCR Alevel Physics specification
- <https://studywise.co.uk/a-level-revision/physics/> - Revision materials for course ahead
- <https://www.revisely.co.uk/alevel/physics/ocr/> - Revision videos for course
- <https://www.physicsandmathstutor.com/> - Videos and worked examples of how to answer mathematically based physics questions and a resource bank of past paper questions
- <https://www.alevelphysicsonline.com/> - Alevel physics forums and live video streams

Useful books for the course:

- New A-Level Physics: OCR A Year 1 & 2 Complete Revision & Practice with Online Edition (CGP A-Level Physics) ISBN-13: 978-1789080391
- New A-Level Physics: OCR A Year 1 & 2 Exam Practice Workbook - includes Answers (CGP A-Level Physics) ISBN-13: 978-1782949251
- OCR A-level Physics Student Guide: Practical Physics (Practical Physics As/a) ISBN-13: 978-1471885174
- Excelling in A-Level Physics: Theory, Methodology and Calculations for Gravitational Fields ISBN-13: 978-1549608346
- Seven Brief Lessons on Physics ISBN-10: 9780141981727
- Brief Answers to the Big Questions: the final book from Stephen Hawking ISBN-13: 978-1473695986



**Subject: Spanish**

**Exam Board: EdExcel**

**Date of exam/Final submission: May-June 2021**

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Preparing for the course:

Materials.

- It will be essential to invest in a substantial **bilingual dictionary** for use at home. The **Collins Spanish Dictionary and Grammar** comes highly recommended and is appropriate for the demands of the course. The pocket dictionaries used at KS3 and KS4 are no longer sufficient.

-The **Edexcel Spanish Grammar for A Level** student book contains all the key grammar covered by the course and will enable you to practice independently the key grammatical concepts.

Reading List/Research.

You will need to study one literary text and one film on this course. In preparation for the course, you should get hold of and read the following text:

- Como agua para chocolate, Laura Esquivel, 1989 (novel) ;

and watch the following films (we will study one of these):

- Volver, dir. Pedro Almodóvar
- Todo sobre mi madre, dir. Pedro Almodóvar

You can pick up a 2nd hand copy of these films/books cheaply on Amazon. It is a good idea to have a translation and well as the Spanish version of the Esquivel novel.

Independent study.

The following website is free to use and should be used over the summer for independent study of grammar and vocabulary. This site goes from beginner to advanced level:

<http://www.todo-claro.com>

In addition, you should keep abreast of current affairs on one or all of the following news websites:

<http://www.elmundo.es/>

<http://www.rtve.es/noticias/>

<http://elpais.com/>

Try to choose a story that interests you each week, translate it and note down any new vocabulary in your vocabulary book.

## **Summer Independent Project Photography:**

Create a weather journal using your camera or your mobile phone.

In one day you can have all four seasons, 'that's what they always say'. Your job is to document the weather over the course of the summer holiday, even if it's dull and boring

Think carefully about this, use this time, get out and about and be creative!

Consider how you will present your images imaginatively and beautifully with time, places, dates and any other information.

(See below for suggestions)

To show your dedication to the course you will need to visit at least two Photography exhibitions and write a detail review of your experience.

### **Include.**

- Names of photographers
- Some of their photographs
- A booklet / information from the exhibition/ tickets .
- Some of your own photographs to reflect the work you have seen.

### **Galleries**

The photographers Gallery

National portrait gallery

Atlas Gallery

Peer. Hoxton St

**Present your findings creatively either in a blog format, or create a Flickr account and present your findings there. Here are some suggestions of blog sites you may wish to use:**

- [www.blogger.com](http://www.blogger.com)

- wordpress.com
- kidblog.org
- www.sitebuilder.com

## **Subject: Psychology**

### **Exam Board AQA A**

**Date of exam/Final submission:** Summer 2021

Linear A-Level (2 Year course)

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### **Psychology in Context**

**Task:** Using the media - TV, radio, newspapers, internet, magazines etc. Look for research studies that have **recently been published** on **one** of the following subjects:

- Child Development
- Mental Health
- Depression
- OCD- Obsessive Compulsive Disorder
- Relationships
- Eating Behaviour
- Schizophrenia
- Stress
- Aggression
- Phobias

Write a ***short review describing:***

- 1. How the research was conducted***
- 2. What has been found***
- 3. What flaws you can spot in the method***
- 4. Consider why you might agree or disagree with the findings***

The review should be one A4 side. You must make sure that you write it in your **own words** and proofread your work.

**Extended reading/research/Weblinks**

<http://www.simplypsychology.org/>

<https://www.psychologytoday.com/>

**Subject:** Spanish

**Exam Board:** Edexcel

**Date of exam/Final submission:** Summer 2021

Linear A-Level (2 Year course) In preparation for starting A-Level Spanish in year 12:

1. See the list of useful websites for independent study.
2. It is also highly advisable to purchase an A level grammar book and a good bilingual dictionary. Recommended: *Edexcel Spanish Grammar for A-Level*

### A LEVEL Spanish

#### list of websites for students independent study

<http://rtve.es> Search for '4 minutos' within the site and then listen and try to pick out the main stories

<http://www.audiria.com/> Listening practice with transcripts

<http://www.laits.utexas.edu/spe/> Video listening practice with transcripts

[http://web.mac.com/sanferminuk/Advanced\\_Level\\_Listening/Spanish/Spanish.html](http://web.mac.com/sanferminuk/Advanced_Level_Listening/Spanish/Spanish.html) Listening exercises with exercises in pdf format

<http://zachary-jones.com/spanish/> Superb blog with articles and exercises to accompany them, as well as songs and videos

<http://www.elpais.com/audios/> Excellent short audio bites on up-to-the-minute topics, literally on the day they happen

<http://www.rtve.es/mediateca/videos/> Videos and audio on up-to-the minute topics

[http://www.spanishnewsbites.com/spanish\\_newsbytes/advanced\\_level/](http://www.spanishnewsbites.com/spanish_newsbytes/advanced_level/) Excellent listening activities with blankfill exercise, transcript and translator tool

<http://feeds.feedburner.com/SlowSpainPodcast> Excellent listening activities (with transcript available)

<http://www.asisehace.net/?cat=4> Listening activities and vodcasts

<http://www.espanol-extra.co.uk/>

[http://www.spanishrevision.co.uk/a\\_level/reading/reading\\_index.htm](http://www.spanishrevision.co.uk/a_level/reading/reading_index.htm) Great reading exercises

[http://www.spanishrevision.co.uk/a\\_level/listening/listening\\_index.htm](http://www.spanishrevision.co.uk/a_level/listening/listening_index.htm) Lots of different types of listening exercises on good A level topics

[http://www.spanishrevision.co.uk/a\\_level/graphics/index.htm](http://www.spanishrevision.co.uk/a_level/graphics/index.htm) Illustrative graphics on a variety of A level topics

[http://www.spanishrevision.co.uk/a\\_level/index.htm](http://www.spanishrevision.co.uk/a_level/index.htm)

<http://www.elmundo.es> Spanish newspaper online

[http://www.freeetv.com/modules.php?name=Video\\_Stream&page=watch&id=2211&d=2](http://www.freeetv.com/modules.php?name=Video_Stream&page=watch&id=2211&d=2) Euronews in Spanish

<http://www.spanish-only.com/> Word of the day can be helpful, particularly as it gives examples

<http://oye.languageskills.co.uk/index.html> Different activities for different levels

<http://www.colby.edu/personal/b/bknelson/SLC/> Grammar exercises

[Trinity grammar pages](#) Grammar exercises

<http://www.jimmyp.me.uk/page3.html> Excellent grammar notes

<http://www.languagesresources.co.uk/> Great resources for different levels, including reading comprehension practice, and literature notes and worksheets

<http://servicios.ideal.es/videos/#> Brilliant videos on a huge range of topics. Try summarising what they say, for practice

<http://www.20minutos.es/> Accessible reading and video clips

<http://sacodevl.inf.um.es/sacodevl-search2/> Select Spanish Corpus for series of videos of Spaniards talking about different topics

<http://www.aulaintercultural.org/> Intercultural education, useful for A2 topics  
[Punto y coma](#) Listening and reading online  
<http://zachary-jones.com/spanish/> Lots of really interesting activities and posts - check out the selections in the side bar  
<http://zachary-jones.com/spanish/unidades-didacticas/comparativos> Comparative exercises  
<http://www.verbuga.eu/Esmi/Esmi.html> Choose your verb(s) and your tense(s) then practise, practise, practise  
<http://formespa.rediris.es/canciones/> Songs and exercises  
<http://www.spanish.cl/Grammar/Games.htm>

**Subject:** SPORT

**Exam Board:** Edexcel

**Date of exam/Final submission:** Summer 2021

BTEC - Foundation Diploma (1.5 A/Level Equivalent)

**Unit 1 Anatomy and Physiology:**

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In the taster session provided by Mr Tomlinson, you will have learned various things about the Skeletal System. This is one of the 5 body systems that you will learn about in BTEC sport and although you may have looked at these systems before, we will now study them in greater depth. The 5 body systems are:

- The Skeletal System
- The Muscular System
- The Respiratory System
- The Cardiovascular System
- The Energy Systems

In the taster session, you will be provided with a “Skeletal System Revision Booklet” and a photocopied sheet with content information on it.

### Task 1

Use the content information (photocopied sheet) to complete the revision booklet. You may also need to use your own research for some of the longer word answers.

This revision booklet is very important - you must not lose it! You will need to use this next year in lessons and to revise from in the lead up to exams.

This booklet is 1/5 of the work for this unit (there are 7 units in total) and so completing this over the summer will put you in a really good position in September.

The Anatomy and Physiology unit is the most challenging unit on the course and will result in a formal public exam in the summer 2019. We will begin work on the unit just after christmas

## Extended Reading/Research/Weblinks

<https://www.bbc.com/education/guides/zkpv4wx/revision/1>

<https://www.youtube.com/watch?v=ltFutvTye8c>

## Planet PE - Youtube channel

Visit the governing body's website for the sport that you choose

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## **Subject: Sociology**

### **Exam Board: OCR**

**Date of exam:** Summer 2021

Linear A-Level (2 Year course)

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**Component 1:** Sociology, culture and identity

**Component 2:** Research methods and researching social inequalities, Understanding social inequalities

**Component 3:** Debates in contemporary society – Globalisation and the digital world, Debate through detailed study – Crime and deviance

### **Task 1: Research different family forms that exist in different cultures around the world.**

Include:

- Concubine
- Polyandry
- Polygyny
- Polygamy

Define and provide examples.

### **Task 2: Research an answer into this question; Who commits the most crime?**

Use the UK as a case study. Include statistics, trends, theories and theorists and present your findings.

**Further reading:**

<http://www.britsoc.co.uk/what-is-sociology.aspx>

<http://www.sparknotes.com/sociology/>

<http://www.ons.gov.uk/peoplepopulationandcommunity/crimeandjustice/bulletins/crimeinenglandandwales/previousReleases>

**Subject:** Extended Project Qualification

**Exam Board:** Edexcel

**Date of exam:** Summer 2020-21

Linear A level – 1 or 2 year course (Can be flexible)

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The Extended Project Qualification is a very well respected qualification. Many universities acknowledge that the skills you develop in completing this are vital to support a level of independence and research required in Higher Education. Therefore, many students who complete this 100% coursework qualification at a high level (A-A\* Level) find that universities drop their offer by one grade.

Many students choose to do their EPQ on a topic that mirrors the university course or provides a unique research piece on an area that they have enjoyed learning - as long as it is not part of an exam.

There are 4 types of EPQ

1. Dissertation - Most common project for the humanities, English and philosophy students)
2. Artefact - For the artists, graphic designers & textile students.
3. Field Study/Experiment - For the geographers, psychologists & scientists/STEM students
4. Performance - For the musician, drama & dance students

**TASK**

**Can you think of a topic you would love to know more about?**

**Here are a few examples:**

- “How has English affected the German language? Is this leading to the decline of German as an international language?”
- “Is it ethical to genetically engineer babies for designer purposes?”
- “Can you believe in God and the Big Bang?”
- “What role does comedy have in serious culture?”
- “Is the only aim of business to make maximum profit?”
- “What are the long term health effects of binge drinking?”
- “Is wi-fi safe?”
- “How useful is Feminist interpretation of fairy tales?”
- “Is Marxism still relevant in this post-modern world?”
- “Have reality TV programmes spawned a generation obsessed with fame?”
- “Are soap operas an accurate reflection of the way we live?”
- “Would the vote be beneficial for 16-18 year olds?”
- “Can music influence crime rates?”
- “How do role models influence our body image?”
- “Has globalisation led to an increase on the exploitation of female workers?”
- “Is censorship justified?”
- “Is Shakespeare still relevant?”
- “Is freedom of speech a fundamental human right?”
- “Does anyone have the right to have children?”
- “Is it ethical to have a child for the purpose of saving another child’s life?”

**Prepare a question you would like to know more about - It MUST have a Yes or No argument and at least 3 points to support both sides of the argument.**