

## Key Stage 5 Subject Information

<b>Art</b>	
<b>Exam Board:</b>	WJEC Eduqas
<b>Revision Resources/Tools:</b>	A variety of media
<b>Textbook(s) Used:</b>	N/A
<b>Topics Covered:</b>	Component 1 : Personal Study  Component 2 : Exam Paper given out on  Practical Exam in first two weeks of May
<b>1<sup>st</sup> February -</b>	
<b>Top Tips for A Level:</b> Work consistently throughout the year. Do at least five hours of extra work on top of the lessons. Stick to deadlines. Follow checklists and listen to advice	
<b>Wider Reading:</b> The Story of Art, Books on your chosen artists. Use Gallery Websites not Wikipedia	

<b>Biology</b>	
<b>Exam Board:</b>	AQA
<b>Revision Resources/Tools:</b>	See student resources for mind maps, checklists, past paper question packs, math skills question.
<b>Textbook(s) Used:</b>	CGP A-Level Biology for AQA
<b>Topics Covered:</b>	<ul style="list-style-type: none"> <li>• 3.1 Biological Molecules</li> <li>• 3.2 Cells</li> <li>• 3.3 Organisms exchange substances with their environment</li> <li>• 3.4 Genetic information, variation and relationships between organisms</li> <li>• 3.5 Energy transfers in and between organisms</li> <li>• 3.6 Organisms respond to changes in their internal and external environment</li> <li>• 3.7 Genetics, populations, evolution and ecosystems</li> <li>• 3.8 The control and gene expression</li> </ul>
<b>Top Tips for A Level</b>	Get started straight away. Review notes on a weekly basis and condense into revision material. Use past paper questions as part of your revision, using both the mark scheme and examiners reports as you review. Read around the specification and engage in scientific learning opportunities outside of the classroom.
<b>Wider Reading:</b>	Biological science review, NewScientist, monthly articles sent by head of department.

<b>BTEC Business</b>	
<b>Exam Board:</b>	Pearson
<b>Revision Resources/Tools:</b>	
<b>Website:</b>	bee business

www.tutor2u.net  
 www.economist.com  
 www.gov.uk  
 www.businesscasestudies.co.ukwww.bbc.co.uk/news/business/economy

**Textbook(s) Used:**

Revise BTEC National Business Revision Guide

**Topics Covered:**

**Unit 1 Exploring Businesses**

**Unit 2 Developing a Marketing Campaigns .**

**Unit 3 Personal and Business Finance.**

**Unit 27 Work Experience**

**Top Tips for A Level .**

- Meeting all deadlines.
- Ensure your folders are organised and tidy.
- Revise frequently.
- Homework should be completed.
- Listen to the news and be interested in businesses around you.

**Wider Reading:**

- Financial Times
- The Economist
- Banking News
- Complete Guide to Personal Finance
- How to understand Business Finance

**BTEC IT**

**Exam Board:**

**Pearson BTEC**

**Revision Resources/Tools:**

[www.bbc.co.uk/technology](http://www.bbc.co.uk/technology)

**Textbook(s) Used:**

BTEC Level 3 National IT Student Book 1 (BTEC National for IT Practitioners) Paperback – 17 Dec 2010  
 BTEC Level 3 National IT Student Book 2 (BTEC National for IT Practitioners) Paperback – 7 Feb 2011

**Topics Covered:**

- Employability Skills
- Computer Systems
- Project Planning
- Computer Game Design
- Computer Animation
- Developing Websites

**Top Tips for A Level**

Meet deadlines  
 Check work thoroughly  
 Make suitable notes and organise work folders  
 Keep an eye on emerging technologies and current technology news.

**Wider Reading:**

**Unit 1 - Communications:**  
 • [www.mindtools.com/page8.html](http://www.mindtools.com/page8.html)  
**Unit 2 – Computer Systems:**  
 • [www.computerweekly.com](http://www.computerweekly.com)  
 • [www.bized.co.uk](http://www.bized.co.uk)  
 • [www.wrx.zen.co.uk/magazines.htm](http://www.wrx.zen.co.uk/magazines.htm)

<b>BTEC Performing Arts</b>	
<b>Exam Board:</b>	Pearson's BTEC Extended Certificate in Performing Arts
<b>Revision Resources/Tools:</b>	Revision notes for practitioners studied: Matthew Bourne Christopher Bruce Akram Khan Bob Fosse
<b>Textbook(s) Used:</b>	Revise BTEC National Performing Arts Revision Guide:
<b>Topics Covered:</b>	Unit One: Investigating Practitioners Work Unit Two: Developing Skills for Performance Unit Three: Group Performance Workshop Unit Twelve: Contemporary Dance
<b>Top Tips for BTEC</b>	Ensure deadlines are met for weekly logs and milestones. In text citation and use of a bibliography is required in all units. View professional work to develop an understanding of the broader performance context.
<b>Wider Reading:</b>	Articles and reviews about the works studied. <i>Fifty Contemporary Choreographers</i> by Martha Bremser <i>Matthew Bourne and His Adventures in Dance: Conversations with Alastair Macaulay</i> by Alastair Macaulay Listen to <i>Akram Khan desert island discs</i> <i>Fosse: The Biography</i> by Sam Wasson <i>A story I wanted to tell": Christopher Bruce and Ghost Dances</i> By Sarah Crompton.

<b>BTEC Science</b>	
<b>Exam Board:</b>	<b>Pearsons/Edexcel</b>
<b>Revision Resources/Tools:</b>	BTEC National Applied Science Revision Guide. <b>ISBN 9781292150048</b>
<b>Textbook(s) Used:</b>	BTEC National Applied Science Student Book 1. <b>ISBN 9781292134093</b>
<b>Topics Covered:</b>	Students will study each of the key scientific disciplines (chemistry, biology and physics) spending equal time on each discipline in Y12. They will also gain a firm grounding in general scientific investigation techniques. In Y13 students will develop these skills and also undertake an optional unit in genetics. Unit 1 – Principles and Applications of science 1 - external examination Unit 2 – Practical Scientific Procedures and Techniques - internally assessed coursework Unit 3 – Science investigation skills -externally assessed by written taskbook Unit 11 – Genetics and genetic engineering – externally assessed.
<b>Top Tips for A Level</b>	

**Plan, Plan, Plan.**

Being organised is absolutely key.

**Make the most of your materials and be prepared to read around.**

You will be given lots of materials to help with both the assignments and the external exams. Use these wisely.

**Submit only the best assignments possible.**

Your coursework really helps bump up your grade. Aim for distinction. Every. Time.

**Learn from your feedback.**

Your teachers can tell you what to improve. Listen and do this. It makes all the difference.

**Wider Reading:**

- Pearson level 3 BTEC applied science textbooks, workbooks and revision guides.
- The Student Room (general advice on managing coursework).
- Student resources on Google Classroom.
- GCSE science revision and study videos on YouTube (Khan academy, TedEd talks, Bozeman science, the Amoeba Sisters).
- Science articles in newspapers or specialist magazine eg New Scientist.

**BTEC Sport****Exam Board:****Revision Resources/Tools:**

EVERLEARNER Website

Btec PE- Youtube

**Textbook(s) Used:**

Pearson Btec National SPORT

**Topics Covered:**

Unit 1: Anatomy & Physiology

Unit 2: Fitness Training &

Programming

Unit 3: Professional

development in the Sports

Industry

Unit 4: Sports Leadership

Unit 5: Principles of Fitness

testing

Unit 6: Sports Psychology

Unit 7: Practical Sports

Performance

**Top Tips for A Level:**

Ensure that an accurate and up

to date folder of class

work/homework/notes is kept

throughout the course

**Wider Reading:**

Advanced PE & Sport 3rd

Edition (2004) (Honeybourne,

Hill and Moors) An

Introduction in Acquiring Skill

in Sport (2006) (Honeybourne)  
 The Complete A-Z Physical  
 Education Handbook (2010)  
 (James, Thompson, Wiggins-  
 James) Stress and Performance  
 in Sport (2010) (Jones and  
 Hardy) Motivation in Sport and  
 Exercise (1992) (Roberts)  
 Motor Learning and  
 Performance (2007)

<b>Business</b>	
<b>Exam Board:</b>	AQA
<b>Revision Resources/Tools:</b>	<ul style="list-style-type: none"> <li>• A-Level Business: AQA Year 1 &amp; 2 Complete Revision &amp; Practice (CGP A-Level Business)</li> <li>• Tutor2U Finance Calculation book</li> <li>• Tutor2U Knowledge book</li> <li>• <a href="http://www.tutor2u.net">www.tutor2u.net</a></li> <li>• Taking the BIZ Youtube videos</li> </ul>
<b>Textbook(s) Used:</b>	AQA A-level Business (Surridge and Gillespie) AQA Business for A Level 2
<b>Topics Covered:</b>	<ul style="list-style-type: none"> <li>• Business forms and liability</li> <li>• Management &amp; Leadership</li> <li>• Marketing</li> <li>• Operations</li> <li>• Finance</li> <li>• HR</li> <li>• Analysing business performance</li> <li>• Strategic decision making</li> <li>• The wider economic and external environment</li> </ul>
<b>Top Tips for A Level</b>	Ensure your notes are organised Act on feedback to improve areas of weakness Read around the subject to embed understanding Make weekly revision notes from the textbook and other sources Be proactive and take responsibility for your own learning
<b>Wider Reading:</b>	On a daily basis students should be accessing the BBC and Skynews app on their phone and keeping up to date with current affairs. <ul style="list-style-type: none"> <li>• The Economist</li> <li>• Hodder Business Review</li> <li>• Freakonomics – Levitt &amp; Dubner. Book Summary Video:  <a href="https://www.youtube.com/watch?v=R0Col3Ohptg">https://www.youtube.com/watch?v=R0Col3Ohptg</a></li> </ul>

- In Search of Excellence – Tom Peters & Waterman. Book Summary Video:  
[https://www.youtube.com/watch?v=H\\_xZoFxpT0](https://www.youtube.com/watch?v=H_xZoFxpT0)

## Chemistry

**Exam Board: Edexcel/Pearsons**

### Revision Resources/Tools:

- CGP Revision Workbook A-Level Chemistry: Edexcel Year 1 & 2 Complete Revision & Practice. **ISBN: 9781789081305**
- A-Level Chemistry: Essential Math Skills. **ISBN: 9781782944720**
- Pearson's Revision Guide REVISE Edexcel AS/A Level Chemistry Revision Guide. **ISBN: 9781447989974**
- Pearson's Revision Workbook Revise Edexcel AS/A Level Chemistry Revision Workbook. **ISBN: 9781447989994**

### Textbook(s) Used:

- Pearson's Book 1 Edexcel AS/A level Chemistry Student. **ISBN: 9781447991168**
- Pearson's Book 2 Edexcel A level Chemistry Student Book 2. **ISBN: 9781447991175**

#### • Topics Covered:

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Topic 1: Atomic structure and the Periodic Table</li> <li>• Topic 2: Bonding and Structure</li> <li>• Topic 3: Redox I</li> <li>• Topic 4: Inorganic Chemistry and the Periodic Table</li> <li>• Topic 5: Formulae, Equations and Amounts of Substance</li> <li>• Topic 6: Organic Chemistry I</li> <li>• Topic 7: Modern Analytical Techniques I</li> <li>• Topic 8: Energetics I</li> <li>• Topic 9: Kinetics I</li> <li>• Topic 10: Equilibrium I</li> </ul> | <ul style="list-style-type: none"> <li>• Topic 11: Equilibrium II</li> <li>• Topic 12: Acid-base Equilibria</li> <li>• Topic 13: Energetics II</li> <li>• Topic 14: Redox II</li> <li>• Topic 15: Transition Metals</li> <li>• Topic 16: Kinetics II</li> <li>• Topic 17: Organic Chemistry II</li> <li>• Topic 18: Organic Chemistry III</li> <li>• Topic 19: Modern Analytical Techniques II</li> </ul> |
|--|---|

### Top Tips for A Level

- 1. Understand the material before you try to learn it**  
Chemistry involves a lot of concepts which are important for you to understand before you attempt to apply the information to exam questions.
- 2. Get happy with your maths**  
There is a lot of math involved in chemistry and it's a real step up from GCSE.
- 3. Don't forget the easy parts of A-Level Chemistry revision!**  
Sometimes you spend so much time focusing on the difficult topics that you forget to focus on the smaller ones, where you can pick up a handful of marks, so make sure you cover all topics in your A-Level Chemistry revision.
- 4. Work together (before, not during, the exam).**  
Be it working through exam questions or explaining difficult concepts to each other (or even just quick fire questions on the 'easy' stuff), work with your friends.
- 5. Past papers, past papers, past papers**  
Practice is key when it comes to A-Level Chemistry A-Level.

**Wider Reading:****Books**

- The Pleasure of Finding Things Out - Richard Feynman
- Periodic Tales - Hugh Aldersey-Williams
- The Disappearing Spoon - Sam Kean
- Uncle Tungsten - Oliver Sachs
- The Shocking History of Phosphorus: A Biography of the Devil's Element - John Emsley

**Magazine/Journals**

- New Scientist
- The Mole

**Computer Science**

<b>Exam Board:</b>	AQA
<b>Revision Resources/Tools:</b>	Craig n Dave Youtube Videos <a href="#">Revision Materials</a>
<b>Textbook(s) Used:</b>	Essential Maths Skills for AS/A-Level Computer Science Either of the following textbooks are beneficial to the course: <ul style="list-style-type: none"> <li>• AQA A level Computer Science Paperback – 26 Jun 2015</li> <li>• AQA AS and A Level Computer Science Paperback – 24 Apr 2016</li> </ul>
<b>Topics Covered:</b>	4.1 Fundamentals of programming 4.2 Fundamentals of data structures 4.3 Fundamentals of algorithms 4.4 Theory of computation 4.5 Fundamentals of data representation 4.6 Fundamentals of computer systems 4.7 Fundamentals of computer organisation and architecture 4.8 Consequences of uses of computing 4.9 Fundamentals of communication and networking 4.10 Fundamentals of databases 4.11 Big Data 4.12 Fundamentals of functional programming 4.13 Systematic approach to problem solving 4.14 Non-exam assessment – the computing practical project
<b>Top Tips for A Level</b>	Ensure your notes are organised Act on feedback to improve areas of weakness Read around the subject to embed understanding Make weekly revision notes from the textbook and other sources Be proactive and take responsibility for your own learning Practice programming skills as much as possible at home and outside lessons
<b>Wider Reading:</b>	<b>Books:</b> <ul style="list-style-type: none"> <li>• Trigger Happy: The inner life of videogames - Stephen Poole.</li> <li>• A witty, comprehensive and passionate discourse on the videogame explosion. Essential reading for anyone with an interest in this industry.</li> </ul>

- Accidental Empires - Robert X Cringely.
- An insider's account of the origins and growth of the micro-computing industry from the earliest times to the present day; acerbic and funny in equal measure.

**Magazines:**

Wired

New Scientist

**Websites:**

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

<http://pcpro.com>

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

## Economics

**Exam Board: AQA**

**Revision Resources/Tools:**

- Hodder workbook
- Tutor2u worksheets, power points and exam papers
- Tutor2u website and videos
- Paj, MJFoodie, ACDC Econ and Dal videos on youtube
- BBC news economics page
- Text book
- Revision guide
- Lesson resources on student shared

**Textbook(s) Used: Ray and James Powel A-level economics**

- **Topics Covered:** The national and international economy
- **Markets, market failure and government intervention**

**Top Tips for A Level : watch the news, read the economist, learn key terms and diagrams precisely.**

**Wider Reading:**

1. Whoops John Lanchester
2. Losing Control Stephen King
3. How the West was Lost



- Dambisa Moyo
4. Freakonomics  
Steven Levitt
  5. Superfreakonomics  
Steven Levitt
  6. The Undercover  
Economist Tim Harford
  7. The Age of Instability  
David Smith
  8. Free Lunch  
David Smith
  9. Economics – 2<sup>nd</sup> edition  
Simon Cox (ed)

## English Literature

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

### Revision

**Resources/Tools:** <https://www.aqa.org.uk/subjects/english/as-and-a-level/english-literature-a-7711-7712>

<https://www.englishandmedia.co.uk/e-magazine/>

Please contact the English Dept. for the Username and Password

<https://www.bl.uk/discovering-literature>

**Textbook(s) Used:** The Key texts used are: “A Streetcar Named Desire”, “Skirrid Hill”, “The Handmaid’s Tale”, “The Great Gatsby”, “The AQA A Level Literature Poetry Anthology” and “Othello”

### Topics Covered:

- Modern times: literature from 1945 to the present day
- Love through the ages: one poetry and one prose text, of which one must be written pre-1900, and one Shakespeare play. Examination will include two unseen poems

### Top Tips for A Level:

- **read widely**
- **keep practising writing in timed conditions**
- **Keep your folders organised**
- **See performances of the plays studied and plays from the same genre, era or playwright**
- **Go to literature festivals, talks and readings.**

**Wider Reading: The more widely you read, the better your marks will be for AO.**

**To help with this, come along to the KS5 book club. This is held on the first Monday of every month in W110 during lunch.**

<b>French</b>	
<b>Exam Board: AQA</b>	
<b>Revision Resources/Tools:</b>	AQA A level French Grammar and Translation workbook Memrise Languages online website <a href="https://www.languagesonline.org.uk/Hotpotatoes/index.html">https://www.languagesonline.org.uk/Hotpotatoes/index.html</a>
<b>Textbook(s) Used:</b>	AQA French A level Year 1 AQA French A level Year 2
<b>Topics Covered:</b>	<ul style="list-style-type: none"><li>• <b>La famille en voie de changement</b></li><li>• <b>La “cyber-société”</b></li><li>• <b>Le rôle du bénévole</b></li><li>• <b>Une culture fière de son patrimoine</b></li><li>• <b>La musique francophone contemporaine</b></li><li>• <b>Le septième art</b></li><li>• <b>Analytical study of a target language film</b></li> <li>• <b>Les aspects positifs d’une société diverse</b></li><li>• <b>Quelle vie pour les marginalisées?</b></li><li>• <b>Comment on traite les criminels?</b></li><li>• <b>Les ados, le droit de vote et la vie politique</b></li><li>• <b>Manifestations, grèves - à qui le pouvoir?</b></li><li>• <b>La politique et l’immigration</b></li><li>• <b>Analytical study of a target language novel</b></li></ul>
<b>Top Tips for A Level</b>	<ul style="list-style-type: none"><li>• Ensure you organise your folder in a clear and logical way</li><li>• A large dictionary (Collins-Robert is recommended)</li><li>• A small notebook to note down new vocabulary</li></ul>
<b>Wider Reading:</b>	<ul style="list-style-type: none"><li>• Set up a French Twitter account and read any French magazine articles which interest you + follow famous French people. Ask your teachers for recommendations.</li><li>• Revise your basic grammar e.g. tenses (present, past, future, conditional)</li><li>• Talk to yourself (or friends/family who speak French) in French about anything at all!</li><li>• Keep a diary in French for a couple of weeks including: what you did, what you thought of it and why</li><li>• Watch the news (in English) and think about the events taking place. Try to develop your opinions about them (in French if possible)</li><li>• Go onto French websites and practice language exercises</li></ul>

## Further Maths

**Exam Board:** Edexcel

**Revision Resources/Tools:**

Pearson Activelearn: <https://www.pearsonactivelearn.com/app/Home>

DrFrost Maths: <https://www.drfrostmaths.com/>

Lots of practice papers will be stored to Student Resources

**Textbook(s) Used:**

Pearson – Edexcel A Level and A Level Further Maths books

**Topics Covered:** (See Text book Contents for full lists for Pure, Applied and Further Maths modules)

**Examples:**

**Pure:**

Proof

Complex Numbers

Differential Equations

Polar Coordinates

**Mechanics:**

Momentum and Impulse

Elastic Strings and Springs

Work-Energy and Power

Elastic Collisions

**Further Pure:**

Conic Sections

Taylor Series

The t-formula

Numerical Methods

**Top Tips for A Level :**

- **Speak to your teacher as soon as you don't understand – don't leave gaps in your knowledge**
- **Use the after school help sessions to practice, ask questions or consolidate**
- **Use the websites and text books available, including for how to use the calculator**
- **Go back over topics little and often.**

**Wider Reading:**

<http://www.maths.cam.ac.uk/undergrad/admissions/readinglist.pdf>

[www.cut-the-knot.org](http://www.cut-the-knot.org)

[www.stepmathematics.org.uk](http://www.stepmathematics.org.uk)

- Alex's Adventures in Numberland, Bellos
- Fermat's Last Theorem, Singh
- What If, Munroe
- Numbers and Proofs, *Allenby*
- Zero: The Nothing That Is, *Kaplan*

## Geography

**Exam Board:** Eduqas

**Revision Resources/Tools:**

My Revision Notes: WJEC/Eduqas AS/A-level Geography

ISBN: 1510447687

**Textbook(s) Used:** WJEC/Eduqas

Geography Student Guides 1- 4

**Topics Covered:**

**Year 12 topics:**

Coastal Landscapes  
Changing Places  
Tectonic Hazards  
Global Governance part 1

**Year 13 Topics**

Water and Carbon cycles  
Global governance part 2  
Ecosystems  
Energy: challenges and dilemmas

**Top Tips for A Level:**

Ensure you organise your folder in a clear and logical way

Ensure you complete all reading review and research review tasks in full and to time

Write essays and practice exam questions in your own time (you will be given a very comprehensive list in year 13)

The students who do best are the students who have practiced answering the MOST questions

**Wider Reading:**

Please refer to the Human and Physical geography links on the Geography Association website for wider reading direction:

<https://www.geography.org.uk/Student-guidance>

**German**

<b>Exam Board:</b>	AQA
<b>Revision Resources/Tools:</b>	AQA A level German Grammar and Translation workbook Memrise Languages online website <a href="https://www.languagesonline.org.uk/Hotpotatoes/index.html">https://www.languagesonline.org.uk/Hotpotatoes/index.html</a>
<b>Textbook(s) Used:</b>	AQA German A level Year 1 AQA German A level Year 2
<b>Topics Covered:</b>	<ul style="list-style-type: none"><li>• Familie im Wandel</li><li>• Die Digitale Welt</li><li>• Jugendkultur: Mode, Musik und Fernsehen</li><li>• Feste und Traditionen</li><li>• Kunst und Architektur</li></ul>

	<ul style="list-style-type: none"> <li>• Das Berliner Kulturleben damals und heute</li> <li>• Analytical study of a target language film</li> <li>• Einwanderung</li> <li>• Integration</li> <li>• Rassismus</li> <li>• Deutschland und die EU</li> <li>• Die Politik und die Jugend</li> <li>• Die Wiedervereinigung und ihre Folgen</li> <li>• Analytical study of a target language novel</li> </ul>
<b>Top Tips for A Level</b>	<ul style="list-style-type: none"> <li>• Ensure you organise your folder in a clear and logical way</li> <li>• A large dictionary</li> <li>• A small notebook to note down new vocabulary</li> </ul>
<b>Wider Reading:</b>	<ul style="list-style-type: none"> <li>• Set up a German Twitter account and read any German magazine articles which interest you + follow famous German people. Ask your teachers for recommendations.</li> <li>• Revise your basic grammar e.g. tenses (present, past, future, conditional)</li> <li>• Talk to yourself (or friends/family who speak German) in German about anything at all!</li> <li>• Keep a diary in German for a couple of weeks including: what you did, what you thought of it and why</li> <li>• Watch the news (in English) and think about the events taking place. Try to develop your opinions about them (in German if possible)</li> <li>• Go onto German websites and practice language exercises</li> </ul>

<b>Graphics</b>
<b>Exam Board: AQA</b>
<b>Revision</b>
<b>Resources/Tools:</b> Recommended to further your knowledge in the use of Photoshop and Illustrator
<b>Textbook(s) Used: N/A</b>
<b>Topics Covered:</b>
<b>Natural Forms</b> – three week mini project concentrating on experimentation.
<b>Portraits Project</b> – looking at self-

portraits to create a piece of design work.

**Branding Project** – rebranding a company or product of your choice.

**Personal Investigation** – main coursework project focusing on a theme of your choice.

### **Top Tips for A Level**

Refer to checklists and ensure that all project deadlines are met.

Attend lunchtime and after school sessions.

Understand Assessment Objectives.

Develop your drawing skills and develop your knowledge of both Photoshop and Illustrator.

Use original resources and take photographs to support your ideas.

Visit exhibitions and galleries as much as possible.

### **Wider Reading:**

What is Graphic Design for?

Alice Twemlow

Graphic Design for the 21st Century -  
Taschen

## **History**

### **Exam Board:**

AQA

### **Revision Resources/Tools:**

All students should already have their own copy of the textbooks below. They are also issued with a copy of the specification.

### **Textbook(s) Used:**

- Hodder: The Quest for Political Stability, Germany 1871–1991 by Steve Ellis and Alan Farmer
- OUP: The English Revolution 1625–60 by Judith Daniels

### **Topics Covered:**

- Paper 1L: The quest for political stability: Germany 1871–1991

- Paper 2E: The English Revolution 1625–1660
- NEA: the coursework module. You have freedom of choice for what topic you focus on, but it must span at least 100 years.

**Top Tips for A Level**

- Ensure you are clear of the overview of the course by frequently referring to your copy of the specification.
- Ensure your folder is very well-organised. Keep your three A Level units separate from each other.
- Complete all practice questions thoroughly and act on the feedback you receive. Teachers are always willing to mark extra practice questions if you want to work on an aspect of your exam technique.

**Wider Reading:**

- William Carr, *A History of Germany 1815-1990*
- Richard J Evans and Ian Kershaw have both written extensively on modern German history, especially the Nazi era
- Blair Worden, *The English Civil Wars*
- Leanda de Lisle, *The White King*

**Law**

**Exam Board:** AQA

**Revision** AQA revision book; revision booklets; past papers.

**Resources/Tools:** Past

**Textbook(s) Used:** A-Level Law 1 and 2, AQA approved, Hodder.

**Topics Covered: English Legal System, Tort, Crime, Contract**

**Top Tips for A Level**

- Ensure you are well informed with events in the news – legal and political developments.
- Ensure you are organised with your notes and keep up to date with work.
- Recap work regularly and create revision materials as you learn new topics.
- Read and use all feedback received. Ask if there is any clarification needed.
- Practice a range of different questions using your text book, past papers and resource provided by your teacher.

**Wider Reading:** List including a range of wider reading resource is provided in class – including articles, books and news. No essential text book wider reading for exam purposes / no recommended 'alternative' text books.  
Subscriptions limited due to nature of subject / level published for, hence teacher directed reading necessary.

**Mathematics**

**Exam Board: Edexcel**

**Revision Resources/Tools:**

**Pearson Activelearn:** <https://www.pearsonactivelearn.com/app/Home>

**DrFrost Maths:** <https://www.drfrostmaths.com/>

Lots of practice papers will be stored to Student Resources



**Textbook(s) Used: Pearson - Edexcel A Level Mathematics**  
**(All available online and to purchase through Wisepay)**

**Topics Covered: (For a full list – see the contents page of each text book)**

**Pure Mathematics:**

Algebra  
Differentiation  
Integration  
Trigonometric Identities  
Exponentials and Logs  
The Binomial Expansion

**Applied:**

Regression and Correlation  
Conditional probability  
The Normal Distribution  
The Binomial Distribution  
Moments  
Projectiles

**Top Tips for A Level**

- **Speak to your teacher as soon as you don't understand – don't leave gaps in your knowledge**
- **Use the after school help sessions to practice, ask questions or consolidate**
- **Use the websites and text books available, including for how to use the calculator**
- **Go back over topics little and often.**

**Wider Reading:**

- Alex's Adventures in Numberland, Bellos
- Fermat's Last Theorem, Singh
- What If, Munroe
- Numbers and Proofs, *Allenby*
- Zero: The Nothing That Is, *Kaplan*

## **Media Studies**

**Exam Board: Eduqas**

**Revision Resources/Tools:** A-Level Media Course Guide, Set Texts (accessibility depends upon nature of text – print, DVD, online)

**Textbook(s) Used:**

New Spec WJEC/Eduqas Year 1 & AS Media Studies (ISBN 978-1911208105)

New Spec WJEC/Eduqas Year 2 & A2 Media Studies (978-1911208112)

**Topics Covered:**

Media Products, Industries & Audiences  
Media Products in Depth

**Top Tips for A Level**

Consume a range of media products from a range of industries, remembering at all times to be an active consumer.

Make links between all areas of the 'Theoretical Framework.'  
 Comment on the impact/significance of Media Language. Dedicate time and effort to the production of own media products. Apply relevant theories to all set industries and products.

**Wider Reading:**

Media Magazine (Online login available from BMR)  
 See theorists in A-Level Media Course Guide

**Music**

**Exam Board:** EDUQAS

<b>Revision Resources/Tools:</b>	EDUQAS Music Course Guide Focus on Sound online revision tools Aurelia First
<b>Textbook(s) Used:</b>	EDUQAS AS and A Level Music Study Guide (Rhinegold)
<b>Topics Covered:</b>	Western Classical Tradition, Musical Theatre, Into the Twentieth Century
<b>Top Tips for A Level</b>	Listen, Listen, Listen. To as wide a range of music, and as frequently possible, following the score wherever possible. Listen and watch analyses of pieces of music of all types. Practice daily. Keep a record of all compositional sketches.

**Wider Reading:** <https://www.classicfm.com/discover-music/>

<https://www.bbc.co.uk/radio3/discoveringmusic/videolibrary/>

## Physical Education

**Exam Board: OCR Physical Education**

**Revision Resources/Tools:** The Everlearner (Online Platform) & Textbooks mentioned below (book1 and book 2)

**Textbook(s) Used:**

**OCR A Level PE Book 1 by John Honeybourne**

[OCR A Level PE Book 2 by John Honeybourne](#)

**Topics Covered:**

AS and A Level PE include the compulsory study of: Applied Anatomy and Physiology, Exercise Physiology, Biomechanical Movement, Skill Acquisition, Sports Psychology, Sport and Society and the Role of Technology in Physical Activity and Sport. Alongside this are the skills of PE, which are examined via the NEA component on performance.

**Top Tips for A Level**

- Utilise Personalised Learning Checklist to ensure you are clear on the overview of the course and that your work covers each aspect of the specification.
- Ensure your folder is very well-organised. Keep your three A Level units separate from each other using file dividers.
- Use The Everlearner platform prior to, and following lessons to embed knowledge through quizzes and video tutorials.
- Keep Learning Evidence Record up to date with all assessments and feedback.
- Use shared drive to access past papers and

exam questions. All teachers will happily mark any extra questions you do.

**Wider Reading:**

Advanced PE & Sport 3rd Edition (2004) (Honeybourne, Hill and Moors) An Introduction in Acquiring Skill in Sport (2006) (Honeybourne) The Complete A-Z Physical Education Handbook (2010) (James, Thompson, Wiggins-James) Stress and Performance in Sport (2010) (Jones and Hardy) Motivation in Sport and Exercise (1992) (Roberts) Motor Learning and Performance (2007)

## **Philosophy & Ethics**

**Exam Board: AQA**

**Revision Resources/Tools:**  
**Students have been given a copy of the spec**

**My Revision Notes AQA A-level Religious Studies: Paper 1 Philosophy of religion and ethics** [Sheila Butler](#)

**My Revision Notes AQA A-level Religious Studies: Paper 2 Study of Christianity and Dialogues** [Sheila Butler](#)

**Textbooks below**  
**Resources distributed in class and on Show my Homework**

**Textbook(s) Used:**

**AQA A-level Religious Studies 1**  
**Authors: John Frye**  
**Publisher: Hodder Education**

## **AQA A-level Religious Studies 2**

**Authors: John Frye**

**Publisher: Hodder Education**

### **Topics Covered:**

#### **Section A: Philosophy of religion**

- Arguments for the existence of God
- Evil and suffering
- Religious experience
- Religious language
- Miracles
- Self and life after death.

#### **Section B: Ethics and religion**

- Ethical theories
- Issues of human life and death
- Issues of animal life and death
- Introduction to meta ethics
- Free will and moral responsibility
- Conscience
- Bentham and Kant.

#### **Section A: Christianity**

- Sources of wisdom and authority
- God/gods/ultimate reality
- Self, death and the afterlife
- Good conduct and key moral principles
- Expression of religious identity
- Religion, gender and sexuality
- Religion and science
- Religion and secularisation
- Religion and religious pluralism.

#### **Section B: The dialogue between philosophy of religion and religion.**

#### **Section C: The dialogue between ethical studies and**

religion.

### **Top Tips for A Level**

**Make sure your folder is organised and work is filed in the correct place**

**Complete wider reading on each topic, keeping a note of what you do on your reading log**

**Complete study tasks on each topic (lists distributed to students)**

**Complete exam questions – students have been supplied with many to try**

**Make revision materials throughout the year**

**Use the AQA website to access examiner reports and other exam questions**

### **Wider Reading:**

**Use the AQA wider reading list (distributed to students in the first week) - many of the books are in USIC**

**Keep up to date with the news**

**Podcasts – philosophy bites and the panpsycast**

**Stanford encyclopedia of philosophy (online)**

## **Photography**

**Exam Board: AQA**

**Revision Resources/Tools:** Sketchbooks, Cameras (digital and film), a range of media for experimentation.

**Textbook(s) Used: N/A**

<b>Topics Covered:</b>	Component 1: Personal Investigation – Students own choice of topic. 60% Component 2: Exam 40% Paper given out on 1st February - Practical Exam in first two weeks of May.
<b>Top Tips for A Level</b>	<ul style="list-style-type: none"> <li>• Five hours homework or study time in Photography each week.</li> <li>• Understanding assessment objectives and how to meet them.</li> <li>• Use research to plan and develop practical work. Review and record progress as work develops.</li> <li>• Take lots of photographs and experiment with your camera.</li> <li>• Manage time effectively, meeting deadlines by having a consistent work ethic throughout the course</li> <li>• Visit exhibitions, read books and articles to understand current thought and practice in photography.</li> </ul>
<b>Wider Reading:</b>	<ul style="list-style-type: none"> <li>• A range of Photography and Arts books in USIC for Reference</li> <li>• Magazines hard copy or digital, relevant to photography eg Vogue, ID, Daved and Confused, Digital Photography</li> <li>• Newspapers and internet.</li> <li>• Visit galleries and exhibitions of photography and the wider Arts.</li> </ul>

<b>Physics</b>	
<b>Exam Board:</b>	AQA
<b>Revision Resources/Tools:</b>	There are loads of resources on the Student Resources drive.
<b>Textbook(s) Used:</b>	A level Physics CGP
<b>Topics Covered:</b>	Measurement and their errors Particles and radiation Waves Mechanics and materials Electricity Further mechanics and thermal physics Fields and their consequences Nuclear Physics Option topic – Astrophysics, Medical physics, Engineering, Turning points in physics or Electronics.

<b>Top Tips for A Level</b>	Never let things go. If you do not understand anything do something about it like look in a book, go online or ask your teacher.
<b>Wider Reading:</b>	Quantum by Manjit Kumar is brilliant.

<b>Politics</b>	
<b>Exam Board:</b>	Edexcel
<b>Revision Resources/Tools:</b>	Topic revision and exam question booklets available to the students and in student resources
<b>Textbook(s) Used:</b>	Year 12 – UK Government and Politics by Neil McNaughton Year 13 – US Government and Politics by Anthony Bennett
<b>Topics Covered:</b>	Year 12: Unit 1: UK- Democracy and Participation; Political Parties; Elections and Voting Behaviour and the Media Core Ideologies – Conservatism, Liberalism and Socialism Unit 2: UK – Constitution; Parliament; Prime Minister and the Executive; Relations between the Branches Ideology: Feminism Unit 3: US – Constitution and Federalism; US Congress; US Presidency; Supreme Court; US Democracy and Participation; Race and Rights Comparative with UK Politics
<b>Top Tips for A Level</b>	<ul style="list-style-type: none"> <li>• Ensure you are well informed with events in the news both in the UK and the US.</li> <li>• Ensure you are organised with your notes and keep up to date with work.</li> <li>• Recap work regularly and create revision materials as you learn new topics.</li> <li>• Take notice of feedback from mock exams, topic tests and essays. Ask is there is any clarification needed.</li> <li>• Practice a range of different questions using the past questions booklet.</li> </ul>
<b>Wider Reading:</b>	Make the most of the vast array of ways to follow the news – TV, radio, newspapers, magazines, podcasts etc. Explore the internet for further information on the topics we are studying. Use the Politics Review articles in Student Resources.

## **Psychology**



**Exam Board: AQA****Revision Resources/Tools:****Revision guides/workbooks:**

- The Complete Companions: Revision Guides for AQA Psychology (5<sup>th</sup> edition). Year 1: ISBN 978-019-844489-3, Year 2: ISBN 978-019-844488-6.
- AQA Psychology for A Level Year 2 Revision Guide (Illuminate Publishing). ISBN: 978-1908682451
- Tutor2U Revision resources:  
<https://www.tutor2u.net/psychology/collect>  
ions

**Textbook(s) Used:****Core textbooks:**

- Psychology A Level Year 1 and AS: The Complete Companion Student Book (5<sup>th</sup> edition), by Mike Cardwell & Cara Flanagan. ISBN: 978-019-843632-4
- Psychology A Level Year 2: The Complete Companion Student book (5<sup>th</sup> edition), by Mike Cardwell & Cara Flanagan. ISBN: 978-019-843633-1

**Topics Covered:****Year 1:**

1. Memory
2. Attachment
3. Social Influence
4. Psychopathology
5. Research Methods
6. Biopsychology
7. Approaches in Psychology

**Year 2:**

1. Gender
2. Aggression
3. Issues and Debates in Psychology
4. Schizophrenia

**Top Tips for A Level**

- **Ensure you keep up to date with revision resources – start creating these early!**
- **If you miss a lesson/cannot attend a lesson, it is your responsibility to get the missed work from your teacher.**
- **Attend revision sessions.**
- **Keep your folder organised into different topics and ensure you keep all your assessed work neatly.**
- **Read around the subject – this will really help your knowledge and understanding.**
- **Practice exam questions in timed**

**conditions to improve your technique.**

- **Ensure your class notes are clear – use coloured pens/highlighters for key terms and studies.**

Wider Reading:

- Behave: The Biology of Humans at Our Best and Worst, Robert M. Sapolsky.
- The Psychology Book: Big Ideas Simply Explained - Big Ideas, DK (author).
- How Psychology Works: Applied Psychology Visually Explained, DK (author).
- The Memory Illusion: Remembering, Forgetting, and the Science of False Memory, Dr Julia Shaw.
- Psychology: A Complete Introduction: Teach Yourself, Dr. Sandi Mann.
- Why Love Matters: How affection shapes a baby's brain, Sue Gerhardt.
- Why We Sleep: The New Science of Sleep and Dreams, Matthew Walker

## **Sociology**

**Exam Board: AQA**

**Revision Resources/Tools:**

**There are many websites available to students.**

**The best revision books are:**

**My revision notes. AQA A level**

**Sociology. Laura Pountney.**

**ISBN 978-1-471-88265-4.**

**Collins also produce student support materials for AQA for each topic:**

**Families and Households ISBN**

**978-0-00-822166-9**

**Education with Research**

**Methods ISBN 978-0-00-**

**822163-8**

**Beliefs in Society ISBN 978-0-**

**00-822165-2**

**Crime and deviance with**

**Theory and Methods ISBN 978-**

**0-00-822164-5**

**Textbook(s) Used:**

**Sociology for AQA volume 1.**  
**Ken Browne ISBN 9-780745-691305**

**Sociology for AQA volume 2.**  
**Ken Browne ISBN 9-780745-69642**

**Topics Covered:**  
**Families and Households.**  
**Education with research methods.**  
**Beliefs in society.**  
**Crime and Deviance with Theory and methods.**

**Top Tips for A Level**  
**Learn key words and the definitions.**

**Keep a summary of key authors / sociological theories and what they argue as you go.**

**Make revision notes as you go.**

**Read exam questions carefully.**

**Use the help sheet when answering exam questions - use this to help you structure and write your answers.**

**Practice exam questions in timed conditions to improve your technique.**

**Attend revision sessions at lunch time.**

**Ensure class notes are detailed – highlighting key words and authors as you go.**

**Read the news so that you can include contemporary issues when writing.**

**Wider Reading:**  
**Sociology review.**  
**News.**

Revision books listed above.  
 Other AQA A level  
 Sociology books (especially  
 by Webb OR Haralambos).

<b>Spanish</b>	
<b>Exam Board:</b>	AQA
<b>Revision Resources/Tools:</b>	AQA A level French Grammar and Translation workbook Memrise Languages online website <a href="https://www.languagesonline.org.uk/Hotpotatoes/index.html">https://www.languagesonline.org.uk/Hotpotatoes/index.html</a>
<b>Textbook(s) Used:</b>	AQA French A level Year 1 AQA French A level Year 2
<b>Topics Covered:</b>	<ul style="list-style-type: none"> <li>• Los valores tradicionales y modernos</li> <li>• El ciberespacio</li> <li>• La igualdad de los sexos</li> <li>• La inmigración</li> <li>• El racismo</li> <li>• La convivencia</li> <li>• Analytical study of a target language film</li>   <li>• La influencia de los ídolos</li> <li>• La identidad regional en España</li> <li>• El patrimonio cultural</li> <li>• Jóvenes de hoy, ciudadanos del mañana</li> <li>• Monarquías y dictaduras</li> <li>• Movimientos populares</li> <li>• Analytical study of a target language novel</li> </ul>
<b>Top Tips for A Level</b>	<ul style="list-style-type: none"> <li>• Ensure you organise your folder in a clear and logical way</li> <li>• A large dictionary (Collins-Robert is recommended)</li> <li>• A small notebook to note down new vocabulary</li> </ul>
<b>Wider Reading:</b>	<ul style="list-style-type: none"> <li>• Set up a Spanish Twitter account and read any Spanish magazine articles which interest you + follow famous German people. Ask your teachers for recommendations.</li> <li>• Revise your basic grammar e.g. tenses (present, past, future, conditional)</li> <li>• Talk to yourself (or friends/family who speak Spanish) in Spanish about anything at all!</li> <li>• Keep a diary in Spanish for a couple of weeks including: what you did, what you thought of it and why</li> <li>• Watch the news (in English) and think about the events taking place. Try to develop your opinions about them (in Spanish if possible)</li> <li>• Go onto Spanish websites and practice language exercises</li> </ul>

<b>Textiles</b>	
<b>Exam Board:</b>	WJEC Eduqas
<b>Revision Resources/Tools:</b>	Screen printing – sewing machines/fabrics/materials Drawing media
<b>Textbook(s) Used:</b>	N/A
<b>Topics Covered:</b>	Component 1 : Personal Study  Component 2 : Exam Paper given out on 1 <sup>st</sup> February -  Practical Exam in first two weeks of May
<b>Top Tips for A Level :</b>	Five hours homework or study time in Textiles each week. Drawing, working with a variety of media Consistent work ethic throughout the course Meeting deadlines Visiting exhibitions, keeping abreast of Textiles and Fashion news
<b>Wider Reading:</b>	A range of Fashion and Arts books in USIC or Textiles for Reference Vogue and other fashion magazines hard copy or digital. Newspapers, features and internet.