Cardinal Newman Catholic School Holy Cross Catholic Multi Academy Company

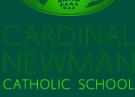
YEAR 13



Mock Examination Preparation Booklet

Name:





Assessment Booklet Introduction

January 2024

Dear Parent/Carer

Re: Mock Examinations – Aim High, Reach for the Sky, No Limits!

We hope that you and your family are well at this time.

To support Year 13 in continuing to prepare for their A Level examinations in the summer, students will be participating in another mock examination season: **Monday 5th February to Friday 23rd February 2024.** Mock examinations are an important part of Year 13 as they help to identify student progress and understanding, identifying gaps for future learning as well as providing students with further examination experience ahead of their summer examinations.

This booklet will support students in preparing for these mock exams and will outline the following:

- Topics covered in the assessments
- Which sections should be completed in the revision materials and workbooks
- How the books should be used
- What further revision can be completed

Please use this booklet and the revision materials provided on Class Charts and in lessons to prepare for these exams. Keep them safe as this is a valuable resource. It will also be sent electronically to all students.

We want mock examinations to be a positive experience that supports and develops the skills and resilience in preparation for future examinations. If students are not successful in their mock examinations they will be selected to resit, after being provided with guidance on how to improve to ensure students have a positive experience. If you need any further support, guidance or information please do not hesitate in contacting us.

We would also like to take this opportunity to thank you for your continued support and a huge well done to all those students who have started so well in Year 13 and have continued to work hard and demonstrate that they are truly made for greatness.

Please do not hesitate to make contact if you have any further queries.

Yours faithfully

Mr S McDonnell Assistant Headteacher (Post 16) Email: sam.mcdonnell@cncs.school

Salaner

Email: Emma.French@cncs.school



Mock Examination Timetable

	Year 13 Mock Examinations							
-	Period 1	Period 2	Period 3		Period 4	Period 5		
Monday 5 th February B	M	edia Paper 1 (2 hours 15 minu Sociology Paper 1 (2 hours)	Lunch	English Literature Pape Chemistry Pa	er 1 (2 hours 30 minutes) er 1 (2 hours 15 minutes) per 1 (2 hours) r 1 (1 hour 30 minutes)			
Y13 Normal Lesson	Block A	Block A	Block A		Block B	Block B		
Tuesday 6 th February B			Lunch	Religious Studies	er 1 (2 hours) Paper 1 (2 hours) per 1 (2 hours)			
Y13 Normal Lesson	Block E	Block E	Block E		Block C	Block C		
Wednesday 7 th February <mark>B</mark>		Psychology Paper 1 (2 hours))	Lunch	Biology Pap	er 1 (2 hours)		
Y13 Normal Lesson	Block D	Block D	Block D		Block E	Block E		
Thursday 8 th February <mark>B</mark>	English	Literature Paper 2 (1 hour 15	minutes)	Lunch		er 1 (2 hours) nours 15 minutes)		
Y13 Normal Lesson	Block B	Block B	Block B		Block A	Block A		
Friday 9th February B	Rø	eligious Studies Paper 2 (2 hou	urs)	Lunch		Paper 1 (2 hours) 2 hours 30 minutes)		
Y13 Normal Lesson	Block C	Block C	Block C		Block D	Block D		

	Year 13 Mock Examinations							
	Period 1	Period 2	Period 3		Period 4	Period 5		
Tuesday 20th February A		Biology Paper 2 (2 hours)	Lunch		er 2 (2 hours) er 2 (2 hours)			
Y13 Normal Lesson	Block E	Block E	Block E		Block C	Block C		
Wednesday 21 st February A		Psychology Paper 2 (2 hour tory Paper 2 (2 hours 30 min	Lunch	Biology Pape	er 3 (2 hours)			
Y13 Normal Lesson	Block D	Block D	Block D		Block E	Block E		
Thursday 22 nd February A	English Literature Paper 3 (2 hour 15 minutes) English Language and Literature Paper 2 (2 hours 30 minutes) Chemistry Paper 2 (2 hours) Product Design Paper 2 (1 hour 45 minutes)				Law Paper 2 (1 Media Paper 2 (2	r 2 (2 hours) nour 30 minutes) hours 30 minutes) per 3 (2 hours)		
Y13 Normal Lesson	Block B	Block B	Block B		Block A	Block A		
Friday 23 rd February A				Lunch		Paper 2 (2 hours) aper 3 (1 hour)		
Y13 Normal Lesson	Block C	Block C	Block C		Block D	Block D		

Assessment Timetable

Subject	Dates & AM/PM	Topics Covered	Venue & Seat Number

Key Reminders:

- If you have a morning examination, you must be on school site for 8.15am. You must then sign-in at the Sixth Form Lecture Theatre.
- Attendance is compulsory to all examinations.
- Check your seating plans (you should know your seat number/venue before arriving to the examination).
- You must bring your equipment: clear pencil case, water (label off), pens, pencils and subject specific equipment when necessary e.g. calculator, ruler etc.

Exam Regulations

- You should **not attempt to communicate with any other students**. This includes turning around and look at other students once seated. Examination conditions remain until you had left the exam room.
- All electronic devices should be switched off and placed in your bag before you enter the room
- Do not bring any pieces of paper in your pockets.
- Labels must be removed from water bottles before entering the room.
- Any watches must be taken off and are not allowed in the exam room.
- You must be in **full school uniform**. Any student without the correct uniform will not be allowed into the examination hall.

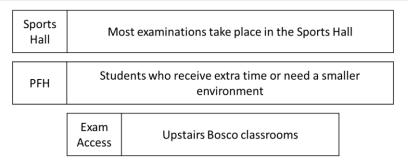
Exam Season Timings

AM - Line Up 8.40am PM - Line Up 1:10pm

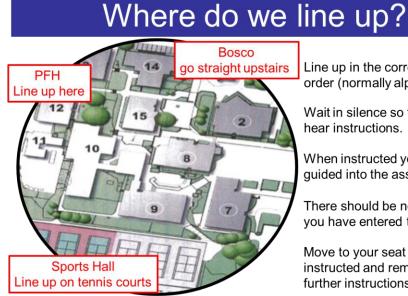
PM - Line Up 12:40pm

Examinations

Where are the Exams?



Some examinations will take place in the Gym. Please line-up outside the PFH. You will store your bags at the side of the gym venue.



Line up in the correct row in seat order (normally alphabetical)

Wait in silence so that you can hear instructions.

When instructed you will be guided into the assessment venue

There should be no talking once you have entered the venue.

Move to your seat when instructed and remain there for further instructions.

What do we do with our bags?



Please take your bag and coat and place in the entrance to the sports hall

Those in the PFH will put their bags into the sports cupboard

Bosco student will be instructed when they arrive.

Assessment Booklet A Level Biology

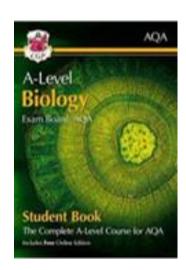
What am I being assessed on?

Year 13 Content but using A Level questions, this means that knowledge of year 12 content is expected, there will be questions that draw on year 12 subject material. These will not only test AO1 knowledge recall, but AO2 and AO3 which expect you to analyse and evaluate data Topics include all year 13 material covered up to the end of January 2024 **Photosynthesis** Respiration Nutrient cycles, energy transfer and farming practice Stimuli and response Nervous control Homeostasis Genes and gene therapy (unit 8 content to the end of Jan 2024) These questions will assess data handling and practical skills so make sure you review the required practical with the content from the topic

What revision material should I revise from and how can I revise?

CGP textbook

Use the book to make notes, answer questions and complete the practice questions of each relevant unit. **SENECA & Up Learn** Use the revision resources to test your knowledge **PIXL notes** Use PowerPoints to test your knowledge



Assessment Booklet A Level Biology

Additional Revision Tasks & Resources

Produce mind maps to condense content to 1 topic per page Produce revision cards with information/content on one side and questions to test knowledge on the other side PiXL knowledge question packs for each unit Practice past papers and mark schemes

Useful web links:

https://www.youtube.com/watch?v=QcdBiD2I cbs

http://www.a-levelnotes.co.uk/biology-aqaas-level-notes-new-spec.html

http://astarbiology.com/a-level/aqa/notes/

https://www.physicsandmathstutor.com/biolo gy-revision/a-level-aqa/









Assessment Booklet A Level Business



What am I being assessed on?

For this mock exam you will be completing a Paper 1 and Paper 2. Both examinations will be for 2 hours and are full A Level papers.

This covers all of Themes 1, 2, 3 and 4.

Theme 1: Marketing and People

- Theme 2: Business Activities
- Theme 3: Decisions and Strategy
- Theme 4: Global Businesses

A reminder Paper 1 focuses on Theme 1 and Theme 4 and therefore Paper 2 focuses on Theme 2 and Theme 3

What revision material should I revise from?

You should use the following to help aid your revision:

- Class notes
- Past exam papers
- Revision materials created in class and at home

How can I revise?

You need to ensure you understand all of the key concepts and use flash cards and mind maps to support you.

You will also benefit from completing past exam papers which have been emailed out previously. By completing the past papers in the allocated time also helps prepare you for the speed you need to complete questions in.

Also use the mark schemes provided to further enhance your understanding

Assessment Booklet A Level Business

Useful websites

<u>www.edexcel.co.uk</u> - use to access past papers, mark schemes and examiners reports



<u>www.tutor2u.co.uk</u> - use to access revision videos (link sent to previous videos) Also examiner advice and theory.



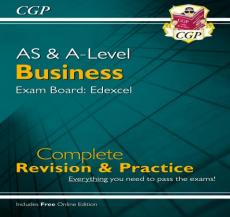
https://www.youtube.com/@Bizconsesh/playlists?view=50&sort=dd <u>&shelf_id=9</u> - Bizconsesh for quick revision videos to support your understanding.



<u>https://www.youtube.com/@TakingTheBiz</u> - alternative to previous link for short videos explaining key terminology



Also do not forget the revision guide we have provided you with to support your revision further <u>CGP</u>



Assessment Booklet A Level Chemistry

What am I being assessed on?

<u> Paper 1 (Combined Paper 1 & Paper 3)– 2 Hours 89 marks</u>

Long and short answer questions and multiple-choice questions on A Level Physical & Inorganic Chemistry topics covered so far in the course.

Paper 2 (Combined Paper 2 & Paper 3)— 2 Hours 96 marks

Long and short answer questions and multiple-choice questions on A Level Physical & Organic Chemistry topics covered so far in the course.

Both papers will contain questions relating to the practical aspects of the course

What revision material should I revise from? I class notes OpLearn Work booklets Exam questions Websites

- 1. Revise make revision flash cards, mind maps and summary notes to revise the key concepts (e.g. reaction mechanisms).
- 2. Test Use the flash cards and drill questions in your text book and work books to test your knowledge.
- 3. Apply Use past questions to help you to practice applying your knowledge. Use the mark schemes to help you check and improve your answers

Assessment Booklet A Level Chemistry

Additional Resources

Websites

https://web.uplearn.co.uk/learn

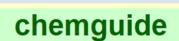


https://chemrevise.org/revision-guides/

chemrevise

Resources for A-level and GCSE Chemistry

https://www.chemguide.co.uk/



Helping you to understand Chemistry

https://www.a-levelchemistry.co.uk/aqa-a-level-chemistry.html

A-Level Chemistry

HOME SPECIFICATIONS

VIDEOS BOOKS

EXTRA RESOURCES

REVISION CARDS

CONTACT

https://kuizical.com/



https://app.senecalearning.com/courses?Price=Free&Age+Group=A +Level&Subject=Chemistry

https://www.docbrown.info/page13/page13.htm

Doc Brown's Chemistry

Advanced Level Chemistry Study Revision Notes and Quizzes worksheets

Assessment Booklet A Level Design Technology

What am I being assessed on?

Your assessment will be a full Paper 1 and a full Paper 2 this includes a range of long and short answer questions including:

A variety of Maths calculate questions

Discuss, name, identify, describe, analyse, explain style questions Sketches & Notes

What revision material should I revise from?

Notes and information sheets from the theory lessons, and the OCR Design & Technology Product Design revision guide.





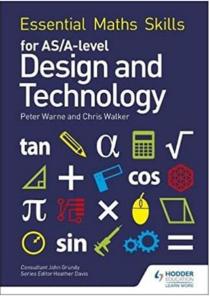
- Practice copying and labelling the drawings from the processes information sheets
- Watch relevant 'How it's made' videos and use bullet point lists to explain the way each product is manufactured.
- Create revision cards for each of the materials and properties, which you can then use to test yourself.
- Look at products around the home and investigate the materials and manufacturing processes used to make them.

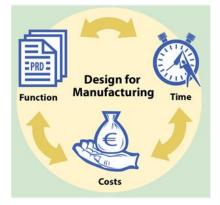
Assessment Booklet A Level Design Technology

Additional Revision Tasks & Resources

Use the following topic list alongside your workbooks to help prepare for the assessment:

Functionality Metals Calculate length Iterative design process **Design optimisation** Past and present technologies Calculate upper bound Estimate Calculate probability **Ergonomic factors** Calculate length (arc) Lifecycle assessment (LCA) Polymers Polymer manufacturing processes Quality control checks Design for Manufacture (DFM) Calculate speed Legislative and standards requirements









Original design consisted of three parts and fasteners



Assessment Booklet <u>A Level English Language and Literature</u>

<u>Component 1: Voices in Speech & Writing</u> (2 hours 30 minutes) (SML)

A LEVEL

Component 1: Voices in Speech & Writing 2hr 30-minute examination 50 marks

Section A Voices in Speech & Writing: An Anthology (25 marks) You will compare one of the anthology texts to an unseen text that shares a similar theme.

Section B

A Streetcar Named Desire (25 marks)

You will complete an examination question that addresses key themes and/or characters across the play.

Component 1: Section A

- Do I know the PAMTC for each anthology text?
- Do I know the voices created in each text, how they change and why they are evident?
- Do I know the specific evidence from each text that I will select to analyse/demonstrate voice.
- Do I know the genre conventions and how/why they are used?
- Do I know how to structure a response?
- Can I identify/apply appropriate subject terminology?

Component 1: Section B

- Do I know the plot and key events across each scene?
- Do I know the contextual factors that have influenced Williams?
- Do I know the key evidence/analysis for each character/theme?
- Do I know how to structure a responsemaking links to the extract?

Revision Tips: Voices in Speech & Writing: An Anthology

- YouTube: English_Newman
- PPTs on Anthology texts
- How to Structure a Response
- Anthology Revision Grid
- Non-Fiction- Key Conventions
 Guide
- Anthology (annotations/PAMTC)
- Anthology Record Booklet
- Exam Preparation Booklet
 - Revision Tips: A Streetcar Named Desire

The following materials are available via our Microsoft Teams channel:

- ASND Record Booklet
- ASND Evidence Spreadsheet
- ASND Revision Pack
- ASND How to Structure a Response
- ASND Key Context
- ASND- Plot & Context Summary Grid
- ASND- Extract Planning Grids

Additional Resources include:

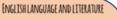
- ASND York Notes
- ASND Lit Charts (Available via Teams)

Assessment Booklet A Level English Language and Literature

Component 2: Varieties in Language and Literature (2 hours 30 minutes) (LSH)

Component 2: Section A

Society & The Individual: Unseen Non-Fiction Prose (20 marks) You will complete an essay question on an unseen non-fiction text. (AO1-3) You will spend 1 hour on this section. ALEVEL

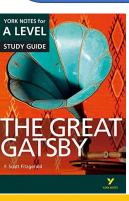




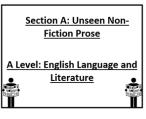
Component 2: Section B Society & The Individual: The Great Gatsby & Great Expectations (30 marks) You will complete a comparative essay question on TGG & GE (AO1-4) You will spend 1 hour 30 minutes on this section.

Revision Materials:

- TGG Excel Grid, Booklets: Extract, Comprehension, Context
- GE Excel Grid, Booklets: Extract, Comprehension, Context
- Lessons: HTSAR, literary theory, critical reception of TGG/ GE
- Subject terminology grid
- Exemplar responses
- Unseen Non-Fiction Prose booklet and lessons







Name:	
Teacher:	
Class:	





Assessment Booklet A Level English Literature

What am I being assessed on?

Paper 1 - Drama – 2 hrs 15 mins Paper 2 – Prose – 1 hr 15 mins Paper 3 – Poetry - 2 hrs 15 mins

Component 1: Section A Othello (35 marks) You will be assessed on AO1, AO2, AO3 and AO5 Component 1: Section B A Streetcar Named Desire (25 marks) You will be assessed on AO1, AO2, and AO3

Component 2 The Supernatural: The Picture of Dorian Gray and Dracula (40 marks)

You will complete a comparative assignment (AD1-AD4) **Component 3: Section A**

Poetry of the Decade (30 marks) You will be assessed on AO1, AO2, AO4 Component 3: Section B Rossetti (30 marks) You will be assessed on AO1, AO2, AO3

What revision material should I revise from?

Othello + ASND

The following materials have been sent to you via email and printed for you:

- Knowledge organisers
- Plot Organisers
- Context grids
- Key quotations with analysis
- Example A* essays
- · All lessons have been emailed
- Recorded lessons have been given to you

The Picture of Dorian Gray and Dracula

The following materials have been sent to you via email and printed for you:

- Context document
- Example Assignments
- Essay planning grids
- Key quote analysis grids
- How to Structure a Response PP



The following materials have been sent to you via email, are on our Share-Point and printed

for you:

- Summaries of all poems
- Context grids (Rossetti)
- Quotations with analysis
- Example A* Essays
- All lessons have been emailed
- Terminology lists
- Booklet with additional unseen poems

How can I revise?

Drama Exam

- 1. Re-read the two plays including all of your notes
- 2. Create revision cards detailing what occurs in each act/ scene.
- 3. Re-read example essays
- 4. Plan and write essays (LSH will mark/ support)

Prose Exam

- 1. Re-read key 'texts
- 2. Review the 'Key Context' documents
- 3. Write your responses using these planning grids.
- 4. Create terminology revision cards

Poetry

Re-read all poems including your notes Complete the revision tasks for both sections of the exam

Practice analysing unseen poems (booklet) Memorise context for each Rossetti poem

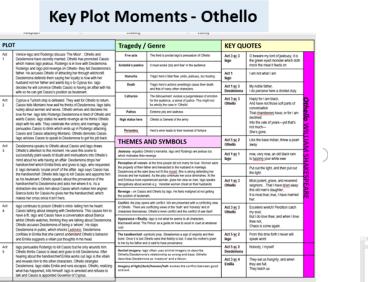


Assessment Booklet A Level English Literature

Additional Revision Tasks & Resources

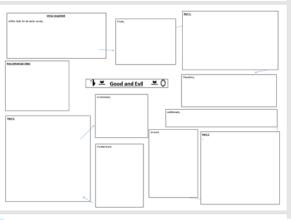
Christina Rossetti

Exam Answers Exemplar Pack





Essay Planning Grids



Key Terminology

Key Vocabu	lary and Terminology	Dramatic Form/ Convention	ons						
Term	Definition								
Tragic Genre		A play that typically features a protagonist of high standing who experiences a change in circumstances/ a downfall which evokes pity and catharsis from the audience							
Tragic hero	The protagonist of the tragedy who begins the nobleman) and experiences a downfall	The protagonist of the tragedy who begins the play as a person of high standing (king / nobleman) and experiences a downfall							
Hamartia	The fatal flaw or error within the tragic hero								
Anagnorisis	is a moment in a plot or story, specifically a t recognizes or identifies his/her true nature, r discovers the true nature of his situation, or t the story.	ecognizes the other character's true ider							
Peripeteia	Peripeteia is a reversal of circumstances, or t	urning point.							
Catharsis	The release of the audience's emotions through	ugh empathy with the characters							
Pathos	A feeling of pity or sympathy with the charac	ters / tragic events							
Machiavellian Villain	Machiavellian is a term used to describe som corrupt others for the individual's personal ga		Pi						
Vice Character	Vice is a stock character of the medieval mor plays was representative of every human bei (and usually named after) personified virtues soul. While the virtues in a morality play can viewed as messengers of the Devil.	ng the other characters were represent s or vices who sought to win control of	T						



Additional Task Documents

Paper 1	L: Drama	Section A: Othello and crit			Exam Date		
		Section B: A Streetcar Nan	ved Desi	re			
	Duration	2 hours 15 minutes			Percentage	30%	
Revisio	n checklists:						
Tick off	as and when you are co	nfident with the following for	each sec	tion of the exam:			
Othello	Checklist		A Stree	tcar Named Desire Che	cklist	General	
	Context - do I know the	literary context surrounding		Context - do I know h	istorical context surrounding	0	Terminology - do I know how to identify a range of
	Othello and the tragic g	enre?		ASND and how to app	ly it to the text?		dramatic conventions?
	Context - do I know the	historical context		Context - do I know p	olitical context surrounding		Dramatic Structure - am I confident with the structure of
	surrounding Othello?			ASND and how to app	ly it to the text?	-	tragedy and how to apply this to dramatic texts?
	Context - do I know the	social and cultural context		Context - do I know so	scial and cultural context		Genre – am I confident when discussion conventions within great tragedy such as pathos, catharsis, anagnorisis.
	surrounding Othello, su	ch as attitudes towards race.		surrounding ASND and	how to apply it to the text?		within great tragedy such as pathos, catharsis, anaghorisis, hamartia and applying them to Othelio and ASNO?
	gender, the supernature	al, reputation, cuckoldry		Plot - do I know the o	verall play?		Essay Planning – am I confident how to approach an exam
	Context - do I feel confi	ident discussing the	0	Plot - do I know what	happens in each Act/Scene?		question and work out what I am expected to do?
	contextual factors of Ot	hello within my work?	0	Setting - do I know th	e significance of the setting	0	Essay Planning - do I know how to structure an exam
	Plot - do I know the ov	erall play?		and the set?			response and what my answer should include?
	Plot - do I know what h	appens in Act 1?	0	Time - am I confident	of when the events of the play		Essay Planning - do I know which moments from the text
	Plot - do I know what h	appens in Act 2?		occurs and how much	time is covered throughout	_	to select to approach my question?
	Plot - do I know what h	appens in Act 3?		the play?			Essay Planning – am I confident in finding a central line of argument for my response?
	Plot - do I know what h	appens in Act 4?		Character - Blanche, D	to I know how she is presented		argument for my response? Essay Writing – Do I know how to structure an
	Plot - do I know what h	appens in Act 5?		at the start, middle an	d end of the play? Do I know		Essay writing - Do I know now to structure an introduction?
	Character - Othello, Do	I know how he is presented		at least 10 quotations	for her character?		Essay Writing - Do I know how to fluently embed
	at the start middle and	and of the size? Do the sec		Character-Stanley D	to I know how he is presented		completely contract of the con

INT 1 OTHELLO

Assessment Booklet A Level History

What am I being assessed on?

Paper 1C – Tudors

- Henry VII
- Henry VIII
- Mid Tudor Crisis
- Early Elizabeth

Paper 2Q – USA

- Truman
- JFK
- Johnson
- Nixon

What revision material should I revise from?

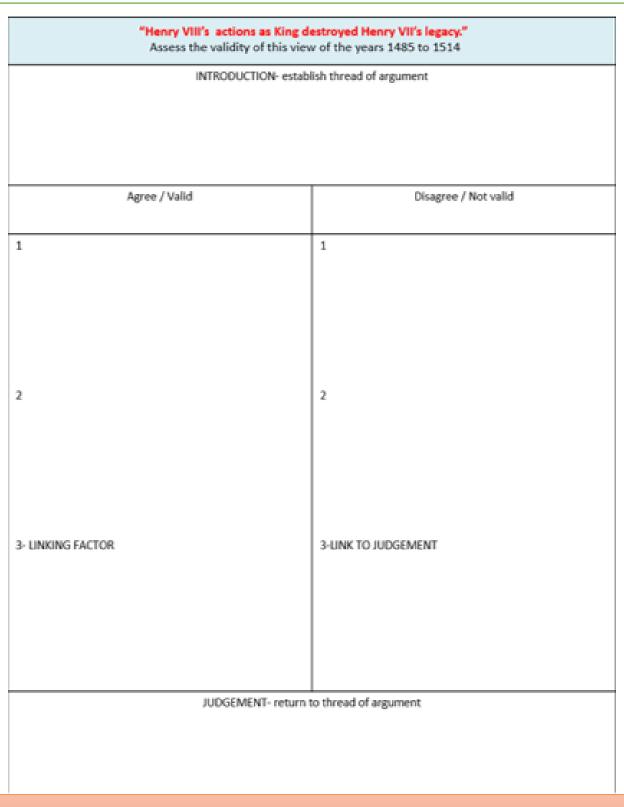


re still not

- 1. RAG Knowledge of the monarchs
- Create Essay plan for possible Questions
- Create revision cards from knowledge organisers and booklets
- 1. RAG knowledge of on Presidents
- Create Essay plans for possible questions
- Use knowledge Booklets.

Assessment Booklet A Level History

Additional Revision Tasks & Resources



Task:

Use past questions from class charts to plan answers.

Assessment Booklet A Level Maths

What am I being assessed on?

Pure Maths

Chapter 12: Algebra 2 (except proof) Chapter 13: Sequences Chapter 14: trigonometric identities Chapter 15: Differentiation 2 Chapter 16: Integration(Except differential equations)

Applied Maths

Chapter 20: Probability and CRV's. Chapter 21: Hypothesis Testing 2

What revision material should I revise from?

Past Papers
Textbook
<u>www.aqa.org.uk</u>
<u>www.kerboodle.com</u>
<u>www.integralmaths.org</u>
<u>www.examsolutions.net</u>
<u>www.drfrostmaths.com</u>

- Make notes from the summary sections at the end of each chapter.
- Complete a past exam questions then mark it using the mark scheme.
- Practice questions from the exercises in the book, use the worked solutions on Kerboodle.

- Use the additional notes and exercises on integral maths to consolidate.
- Watch the videos going through exam questions on <u>www.examsolutions.net</u>
- Work through the relevant powerpoints on www.drfrostmaths.com

Assessment Booklet A Level Maths

Additional Revision Tasks & Resources

Binomial series

$$\begin{split} &(a+b)^{a}=a^{n}+\binom{n}{1}a^{n-1}b+\binom{n}{2}a^{n-2}b^{2}+\ldots+\binom{n}{r}a^{n-r}b^{r}+\ldots+b^{n} \quad (n\in\mathbb{N})\\ &\text{where }\binom{n}{r}={}^{n}C_{r}=\frac{n!}{r!(n-r)!}\\ &(1+x)^{n}=1+nx+\frac{n(n-1)}{1.2}x^{2}+\ldots+\frac{n(n-1)\ldots(n-r+1)}{1.2\ldots r}x^{r}+\ldots \quad (|x|<1,\ n\in\mathbb{Q}) \end{split}$$

Arithmetic series

$$S_n = \frac{1}{2}n(a+l) = \frac{1}{2}n[2a+(n-1)d]$$

Geometric series

$$S_n = \frac{a(1-r^n)}{1-r}$$

$$S_n = \frac{a}{1-r} \text{ for } |r| < 1$$

Trigonometry: small angles

For small angle Ø, measured in radians:

$$\sin \theta \approx \theta$$

 $\cos \theta \approx 1 - \frac{\theta^2}{2}$
 $\tan \theta \approx \theta$

Differentiation

f(x)	f'(x)
tan.x	sec ² x
cosec.x	-cosec.x cot.x
sec.x	secx tanx
cotx	-cosec ² x
f(x)	$\mathbf{f}'(x)\mathbf{g}(x) - \mathbf{f}(x)\mathbf{g}'(x)$
$\overline{g(x)}$	$(g(x))^2$

Differentiation from first principles

$$f'(x) = \lim_{h \to 0} \frac{f(x+h) - f(x)}{h}$$

Trigonometric identities

$$\sin (A \pm B) = \sin A \cos B \pm \cos A \sin B$$

$$\cos (A \pm B) = \cos A \cos B \mp \sin A \sin B$$

$$\tan (A \pm B) = \frac{\tan A \pm \tan B}{1 \mp \tan A \tan B} \qquad (A \pm B \neq (k + \frac{1}{2})\pi)$$

Mechanics Constant acceleration $s = ut + \frac{1}{2}at^{2}$ $s = ut + \frac{1}{2}at^{2}$ $s = ut + \frac{1}{2}at^{2}$ $s = vt - \frac{1}{2}at^{2}$ v = u + at v = u + at $s = \frac{1}{2}(u + v)t$ $s = \frac{1}{2}(u + v)t$ $v^{2} = u^{2} + 2as$

963 - - 98025 9365-555

Probability and statistics

Probability

 $P(A \cup B) = P(A) + P(B) - P(A \cap B)$ $P(A \cap B) = P(A) \times P(B|A)$

Assessment Booklet A Level Further Maths

What am I being assessed on?

Paper 1 – Applied

Chapter 11 - Hypothesis Testing + Contingency tables Chapter 27 – Hypothesis Testing + t-test

- Chapter 28 Graphs + Networks
- Chapter 29 Critical Path Analysis 2
- Chapter 30 Linear Programming and Game theory 2

Paper 2 Pure

Chapter 16 - Complex Numbers 2 Chapter 17.2 – Maclaurin series Chapter 18 - Curve Sketching 2 Chapter 19 – Inverse trig/reduction Chapter 21 – Numerical Methods Chapter 22 – Matrices 2 Chapter 23 - Vectors 2

AQA

"integral"

kerboodle

What revision material should I revise from?

- Past Papers
- Textbook
- •www.aqa.org.uk
- www.kerboodle.com
- www.integralmaths.org
- www.examsolutions.net
- www.drfrostmaths.com

- Make notes from the summary sections at the end of each chapter.
- Complete a past exam questions then mark it using the mark scheme.
- Practice questions from the exercises in the book, use the worked solutions on Kerboodle.

- Use the additional notes and exercises on integral maths to consolidate.
- Watch the videos going through exam questions on <u>www.examsolutions.net</u>
- Work through the relevant powerpoints on www.drfrostmaths.com

Assessment Booklet A Level Further Maths

Additional Revision Tasks & Resources

f(x)

$\int \mathbf{f}(x) \, \mathrm{d}x$

$$\begin{aligned} \tanh x & \ln \cosh x + c \\ \frac{1}{\sqrt{a^2 - x^2}} & \sin^{-1} \left(\frac{x}{a} \right) + c \quad (|x| < a) \\ \frac{1}{a^2 + x^2} & \frac{1}{a} \tan^{-1} \left(\frac{x}{a} \right) + c \\ \frac{1}{\sqrt{x^2 - a^2}} & \cosh^{-1} \left(\frac{x}{a} \right) \text{ or } \ln \{x + \sqrt{x^2 - a^2}\} + c \quad (x > a) \\ \frac{1}{\sqrt{a^2 + x^2}} & \sinh^{-1} \left(\frac{x}{a} \right) \text{ or } \ln \{x + \sqrt{x^2 + a^2}\} + c \\ \frac{1}{a^2 - x^2} & \frac{1}{2a} \ln \left| \frac{a + x}{a - x} \right| = \frac{1}{a} \tanh^{-1} \left(\frac{x}{a} \right) + c \quad (|x| < a) \\ \frac{1}{x^2 - a^2} & \frac{1}{2a} \ln \left| \frac{x - a}{x + a} \right| + c \end{aligned}$$

Numerical solution of equations

The Newton-Raphson iteration for solving f(x) = 0: $x_{n+1} = x_n - \frac{f(x_n)}{f'(x_n)}$

Numerical integration

The trapezium rule: $\int_{a}^{b} y \, dx \approx \frac{1}{2} h\{(y_0 + y_n) + 2(y_1 + y_2 + \dots + y_{n-1})\}, \text{ where } h = \frac{b-a}{n}$

Complex numbers

 $[r(\cos\theta + i\sin\theta)]^n = r^n(\cos n\theta + i\sin n\theta)$ The roots of $z^n = 1$ are given by $z = e^{\frac{2\pi ki}{n}}$, for k = 0, 1, 2, ..., n - 1

Maclaurin's series

$$f(x) = f(0) + xf'(0) + \frac{x^2}{2!}f''(0) + \dots + \frac{x^r}{r!}f^{(r)}(0) + \dots$$

$$e^x = \exp(x) = 1 + x + \frac{x^2}{2!} + \dots + \frac{x^r}{r!} + \dots \quad \text{for all } x$$

$$\ln(1+x) = x - \frac{x^2}{2} + \frac{x^3}{3} - \dots + (-1)^{r+1}\frac{x^r}{r} + \dots \quad (-1 < x \le 1)$$

$$\sin x = x - \frac{x^3}{3!} + \frac{x^5}{5!} - \dots + (-1)^r \frac{x^{2r+1}}{(2r+1)!} + \dots \quad \text{for all } x$$

$$\cos x = 1 - \frac{x^2}{2!} + \frac{x^4}{4!} - \dots + (-1)^r \frac{x^{2r}}{(2r)!} + \dots \quad \text{for all } x$$

Hyperbolic functions

$$\cosh^{2} x - \sinh^{2} x = 1$$

$$\sinh 2 x = 2 \sinh x \cosh x$$

$$\cosh 2 x = \cosh^{2} x + \sinh^{2} x$$

$$\cosh^{-1} x = \ln \{x + \sqrt{x^{2} - 1}\} \qquad (x \ge 1)$$

$$\sinh^{-1} x = \ln \{x + \sqrt{x^{2} + 1}\}$$

$$\tanh^{-1} x = \frac{1}{2} \ln \left(\frac{1 + x}{1 - x}\right) \qquad (|x| < 1)$$





In your Spring Mocks, you are going to be completing a **FULL** Component 1 exam and a **FULL** Component 2 exam.

Component 1 [90 marks, 2 hours 15 minutes]

- Representation [30 marks] Tide <u>OR</u> Kiss of the Vampire compared to an unseen text
- 2. Media Language [15 marks] Unseen text
- 3. Industry [25 marks] The Daily Mirror AND The Times
- 4. Audiences [20 marks] Assassin's Creed AND Tide

Component 2 [90 marks, 2 hours 30 minutes]

- 1. Section A (TV) = Black Mirror and The Returned [30 marks]
- Section B (Magazines) = Adbusters [15 marks] and Woman [15 marks]
- 3. Section C (Online) = KSI and Attitude [30 marks]

- Use the knowledge organisers for both Component 1 and Component 2 to make flash cards/mind-maps etc. These are available as a print copy, on ClassCharts and have been emailed to your parents/carers.
- 2. Learn the **prepared essay plans** for each question. These are available on ClassCharts and have been emailed to your parents/carers.
- Use the structured revision task resource to help you structure your revision – this will help you revise effectively and efficiently. This is available as a print copy, on ClassCharts and have been emailed to your parents/carers.
- Use Mrs Fisher's revision videos: <u>https://www.youtube.com/channel/UCUKrxp4BcJrGLzmqAh</u> <u>CjASg</u>

Assessment Booklet A Level Physics

What am I being assessed on?

Paper 1 - 2 hours (83 marks)

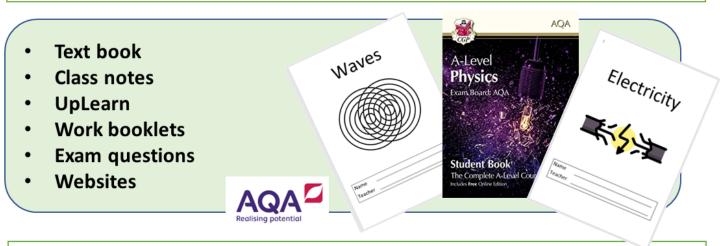
Long and short answer and multiplechoice questions, including a practical style question on:

- 1. Measurements and their errors
- 2. Particles and radiation
- 3. Waves
- 4. Mechanics and materials
- 5. Electricity
- 6. Further Mechanics

Paper 2 - 2 hours (83 marks)

- 7. Further mechanics and thermal physics
- 8. Fields and their consequences
- 9. Nuclear physics

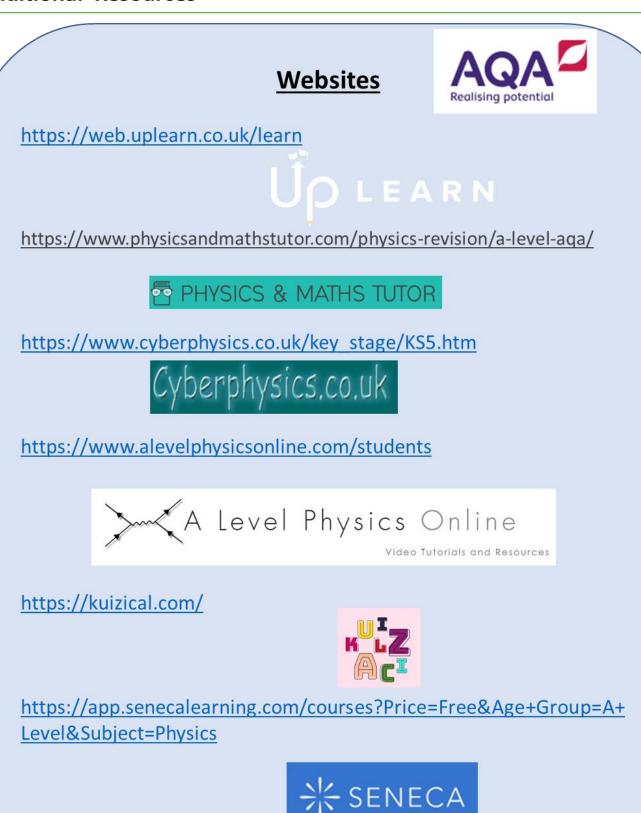
What revision material should I revise from?



- 1. Revise make revision flash cards, mind maps and summary notes to revise the key concepts.
- 2. Test Use the flash cards and drill questions in your text book and work books to test your knowledge.
- 3. Apply Use past questions to help you to practice applying your knowledge. Use the mark schemes to help you check and improve your answers

Assessment Booklet

Additional Resources



Assessment Booklet A Level Psychology

What am I being assessed on?

CONTENT

Paper 1:2 hours: 96 marks: Social
Influence, Memory, Attachment,
Psychopathology.
Paper 2: 2 hours:96 marks: Approaches,

Biopsychology and Research Methods. **Paper 3: 1 hour: 48 marks:** Schizophrenia + Aggression

SKILLS

The test will include assessment on all skills:

- A01 Description
- A02 Application
- A03 Evaluation

What revision material should I revise from?

TEXTBOOKS AND CLASS BOOKLETS:

 AQA Psychology for A level textbook – Year 1 and 2

 Revision Guide - AQA Psychology for A level – Year 1 and 2

3) Class Booklets and notes

4) Tutor2U revision guides

5) Tutor2U perfecting exam technique, student guide

6) Revision mind maps

7) Past paper questions and mark schemes

booklets, also found on AQA website.

How can I revise?

WEBSITES:

 Online textbook: AQA Psychology for A level – Year 1 and AS (2nd Ed) (Use log in and password given to you).

Revision apps – go to the website below
 For links to the app store

www.illuminatepublishing.com/psychapp

OTHER WEBSITES:

3) https://www.tutor2u.net/psychology

4) https://senecalearning.com

5) https://www.aqa.org.uk

STEPS FOR SUCCESS:

STEP 1 – Using the checklists given to you in class, ensure that you have made detailed revision cards/notes on each section of the assessment. Ensure that you understand everything, if not, clarify the content using your textbook, a website, ask a classmate or ask me.

STEP 2- Create a mind map/complete mind map template for each of the specification's bullet points (in the green box at the top left corner of each double spread of the textbook) - ensure key terminology is included. This will enable you to see the key components of the topic, and how it fits together.

STEP 3 – Learn the detail for each sub- section of the topic area by reading the revision cards, writing out the content, verbally explaining it to a classmate and then test yourself by writing out the content. Check your accuracy and detail. Put those revision cards where your knowledge is less secure at the top of the pile and review them more often. Repeat this process until you know everything!

STEP 4 – Once you believe you know a subsection, complete the relevant exam questions section in your exam question booklet. Then check your answers against the mark scheme. Ensure that you have included the appropriate detailed content and have used the skills required.

STEP 5 – Practise writing answers under timed conditions.

STEP 6 - Review your revision cards regularly. Always start with the least secure topics/parts.

Assessment Booklet A Level Psychology

REVISION TIP EXTRA: Make a timetable

REVISION TIMETABLE

WEEK	Subject	Subject	Subject	Subject	Subject	Subject	TOTAL
Monday	Topic (1 hour)				Topic (1 hour)		2 hours
Tuesday		Topic (1 hour)	Topic (1 hour)			Topic (1 hour)	3 hours
Wednesday				Topic (1 hour)	Topic (1 hour)		2 hours
Thursday		Topic (1 hour)				Topic (1 hour)	2 hours
Friday			Topic (1 hour)				1 hour
Saturday			Topio (1 hour)			Topio (1 hour)	2 hours
Sunday		Topic (1 hour)		Topic (1 hour)			2 hours
TOTAL	1 hour	3 hours	Thous	2 hours	2 hours	3 hours	14 hours

REVISION TIP EXTRA: SKILLS EXPLAINED

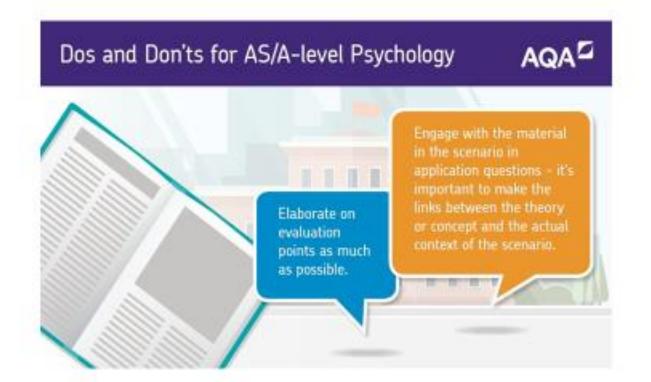
WHAT AM I BEING ASSESSED ON?

Assessment Objectives (AO)

Assessment Objective	Formal specification language	Student friendly language		
A01	Demonstrate knowledge and understanding of scientific ideas, processes, techniques and procedures.	Basic descriptions of studies and theories. This includes figures and facts. (Aim, procedure, findings and conclusion)		
AO2	Apply knowledge and understanding of scientific ideas, processes, techniques and procedures: • in a theoretical context • in a practical context • when handling qualitative data • when handling quantitative data.	Essentially, you're becoming psychologist and explaining how a situation works with your knowledge. These can be single questions or several linking questions.		
AO3	Analyse, interpret and evaluate scientific information, ideas and evidence, including in relation to issues, to: • make judgements and reach conclusions • develop and refine practical design and procedures.	The evaluation of your essay. The positive/negative aspects of the theory, supporting or opposing evidence, links to any psychological debates.		

Assessment Booklet A Level Psychology

REVISION TIP EXTRA: EVALUATION AND APPLICATION



KEEP CALM AND ENJOY YOUR PSYCHOLOGY! Good Luck!

Assessment Booklet A Level Religious Studies

What am I being assessed on?

Component 1 Philosophy (year 12/13) Component 2 Ethics (year 12/13)

<u>AO1 – 40%</u>

Demonstrate knowledge and understanding of religion and belief, including: • religious, philosophical and/or ethical thought and teaching • influence of beliefs, teachings and practices on individuals, communities and societies • cause and significance of similarities and differences in belief, teaching and practice • approaches to the study of religion and belief

<u>AO2- 60%</u>

Analyse and evaluate aspects of, and approaches to, religion and belief including their significance, influence and study

What revision material should I revise from? The following resources available on TEAMS

- ✓ PLCs for both topics to be assessed
- ✓ Exam questions for independent revision
- ✓ Key terms and definitions glossary
- ✓ Revision clock
- ✓ Essay planning and Lines of Argument revision support
- ✓ Workbooks for all topics
- ✓ Seneca revision quizzes for all topics

How can I revise?

- Ensure folder is organised
- Create mindmap/brain dump for both topics
- Complete essay plans for all past paper questions using LOAs and essay planning template
- Complete AO1 and 2 tasks from the revision guide





Exam board: OCR

each

2 papers 120 mins

Answer Three exam

choice of 4 for each

questions out of a

component

(40 mins each)

Assessment Booklet A Level Religious Studies

Additional Revision Tasks & Resources

- ✓ Organise revision notes
- ✓ Complete PLCs
- ✓ Complete topics on Seneca
- ✓ Create flash cards with key terms/scholars on
- ✓ Create mind maps of topic areas
- ✓ Complete a revision clock for each topic timing yourself 5 minutes per section
- ✓ Complete the workbooks for each topic

Revision webinars on YouTube:

Philosophy:

https://www.youtube.com/watch?v=ZVq7UTNnsUA https://www.youtube.com/watch?v=0hB8GJ4ynOw

Ethics:

https://www.youtube.com/watch?v=VQm18iz9gq4 https://www.youtube.com/watch?v=-PxAo4Lmgf0

DCT:

https://www.youtube.com/watch?v=fOpnbHozOTY https://www.youtube.com/watch?v=ghDRgobLXZY



Assessment Booklet A Level Sociology

What am I being assessed on? You will be completing the following: Paper 3: Crime and deviance with Theory and Methods (2 hours) Paper 2: Families and households (1hour) CRIME AND DEVIANCE (50) Topics to revise: Q1 Outline two ways... (4 marks) Q2 Outline three reasons..... (6 marks) Crime and deviance Q3 Item: Analyse two reasons why (10 Theory and methods marks) All of Families and households Q4 Item: Evaluate the usefulness of (e.g. functionalist approach)... (30 marks) TOPIC A2 FAMILIES & HOUSEHOLDS THEORY AND METHODS (30) (40)

Q Outline and explain two(10 marks)

Q Item: Analyse two....(10 marks)

Q Item: Evaluate the view that.....(20 marks)

Q5 Outline and explain two....(10 marks)

Q6 Item: Evaluate the usefulness (20 marks)

What revision material should I revise from?

You will have been given a revision pack which contains:

- PLC for both papers
- Exam questions for independent revision
- □ Key terms and definitions/ glossary
- Empty keywords/concept A3 sheet
- Revision checklist for topics
- Workbooks

- Ensure revision is organised
- Create revision mindmaps on each topic
- Create flashcards for sociologists and their theories
- □ Ensure you are completing self timed essays.
- Use the structure sheet guidance to help with how to develop and structure your answers
- Complete practice questions
- Use the revision booklet that has been provided
- Use hectic teacher knowledge organiser (see example)
- Complete seneca tasks



Assessment Booklet A Level Sociology

Additional Revision Tasks & Resources

Useful Revision websites:

Napier Press Workbooks www.napierpress.com/book-one-workbooks

Workbooks for all topics which can be used alongside the Napier textbook which majority of you have.

•S-Cool http://www.s-cool.co.uk/a-level/sociology

Excellent for revision. Lots of essay-style questions to practice and chapter summaries which are helpful for recapping.

•Sociology Revise www.sociology.org.uk/drevise.htm

Another great revision site that provides lots of helpful resources for students, such as revision cards, maps and diagrams.

Sociology Stuff <u>www.sociologystuff.com</u>

A website of resources written and created by Steve Chapman (one of the authors from the textbook used in lessons)

Rachael's Sociology <u>www.rachelsociology.synthasite.com</u>

A home-made site, but still contains a lot of useful resources (mostly in Word format).

Concentrates mainly on crime and education.

Sociology.org <u>www.sociology.org.uk</u>

A site that provides a very useful collection of links, which are helpfully organised by topic.

Sociology Online <u>www.sociologyonline.co.uk</u>

A site that is less formal and contains lots of facts, quizzes and crosswords to aid sociology revision

•Get Revising http://getrevising.co.uk/

Although not sociological-specific, and it takes a minute to subscribe, this site is really good if you want to create your own revision resources

Assessment Booklet A Level Law

What am I being assessed on?



Parliamentary and European law making **Delegated legislation Statutory interpretation Judicial precedent Civil Courts Criminal process** Access to justice and funding Legal personnel

Paper 2

1.5 hours

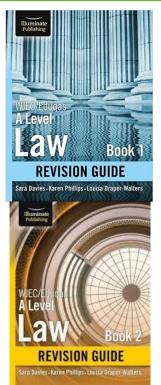
Tort Law

- Liability in negligence
- Occupiers' liability
- Torts connected to land
- Vicarious liability
- Defences
- Remedies

Criminal Law

- Fatal Offences against the Person
- Non-fatal Offences against the person
- Theft
- Robberv
- Burglary
- insanity
- intoxication
- Automatism
- Mistake
- Self-defence
- Duress by threat
- Duress of circumstances
- Necessity
- Consent
 - Preliminary offences of attempt

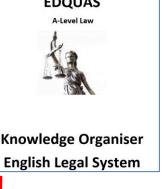
What revision material should I revise from?



 Create a revision resource for each topic e.g. mind map, poster, revision cards Vary your revision techniques e.g. explain concepts to another person, write notes, watch videos or listen to podcasts EDQUAS Work in pairs to ask and A-Level Law Answer questions then swap over Anwer practice exam questions and mark using

LEARN YOUR CASES!

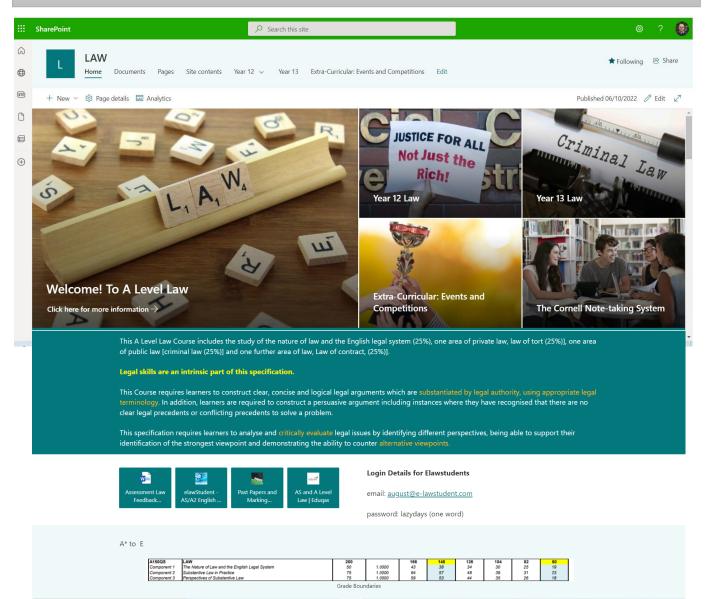
the mark scheme



Assessment Booklet A Level Law

Additional Revision Tasks & Resources:

All law students have access to the law SharePoint website, this The website has all the materials and resources they will need for the entire year.



Assessment objectives and weightings

Below are the assessment objectives for this specification.

AO1 Demonstrate knowledge and understanding of the English legal system and legal rules and principles

AO2 Apply legal rules and principles to given scenarios in order to present a legal argument using appropriate legal terminology

AO3 Analyse and evaluate legal rules, principles, concepts and issues The table below shows the weighting of each assessment objective for each component and for the qualification as a whole.

Assessment Booklet Criminology

What am I being assessed on?

<u>Unit 4</u>

Processes used for law making both

- government processes
- o judicial processes

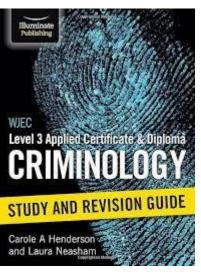
The organisation of the criminal justice system in England and Wales

- o police
- o law creation
- o courts
- o formal punishment
- o relationships

Models of criminal justice

- due process
- crime control

What revision material should I revise from?



- Create a revision resource for each topic e.g. mind map, poster, revision cards
 Vary your revision techniques e.g. explain concepts to another person, write notes, watch videos or listen to podcasts
- Work in pairs to ask and
- •Answer questions then swap over

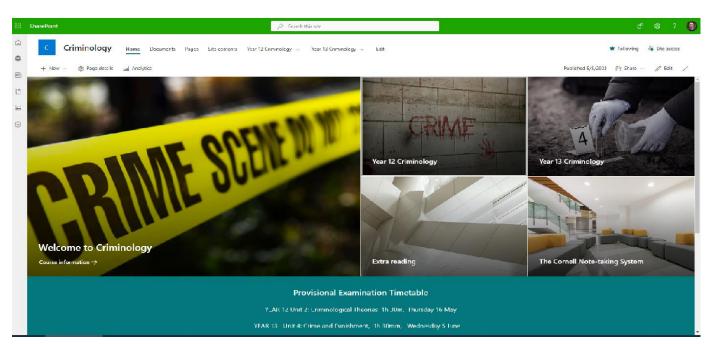
 Anwer practice exam questions and mark using the mark scheme

LEARN YOUR CASES!

Assessment Booklet Criminology

Additional Revision Tasks & Resources:

All law students have access to the Criminology SharePoint website, this The website has all the materials and resources they will need for the entire year.



Learning outcomes	Assessment criteria	Marks	%
L01	AC1.1 Describe processes used for law making		
	AC1.2 Describe the organisation of the criminal justice system in England and Wales	19-26	25-35%
	AC1.3 Describe models of criminal justice		



