



Vyners School

Striving for
Excellence

EXAM PREPARATION AND SUPPORT



December Trial Exams

- Year 13 Trial Exams will run between **2.12.25 and 18.12.25**. These assessments will allow students to demonstrate their ability in their subjects, supported by tailored revision using topics information that will be issued just before half term.
- Students will be on study leave from **Thursday 4.12.25**. Some students will need to be in school for coursework based subjects. This will be at the request of their subject teacher.
- The exam timetable and revision topics will be issued before half term.

Subject	Paper name and length	Topics to revise	Useful links/ advice
Biology	Biology paper 1: AS plus content from DCB Biology paper 2: AS plus content from GFH Both 1h 30	Both papers cover all AS content. DCB will include the A2 topics covered to date including Photosynthesis and all Required practicals covered in class (this would include practicals where just the theory is discussed) GFH will include Forensics and modern Genetic techniques, Energy through the Ecosystem and Global warming.	All past papers used in tests <u>and end of topic</u> test will be useful. Packs of questions are available on the Biology handbook google classroom alongside tutorials and looms. SENECA learning, Ms Estruch youtube channel and Spolem.org.uk are other places to get resources.
Business	A Level Paper 2: Business activities, decisions and strategy 1 hr 30 mins	Paper 2: Theme 2: Managing business and activities Theme 3: Business decisions and strategy (topics studied to date)	Exam preparation: Your notes for each theme must be completed - use the <u>plcs</u> to help you Seneca tasks Exam technique - make sure you know how to

Topics lists will be issued to support revision leading up to the exams

Chemistry	Paper 1 - Physical and Inorganic Chemistry (1hr 30 mins) Paper 2 - Organic and Further Inorganic Chemistry (1hr 30 mins)	Paper 1: topics 1-5, 8, 10, 11, 16 and content covered from topic 12 and 13 Paper 2: topics 2,3,5,7,9, (and parts of topic 17 - further organic that have been covered; 17.1, 17.2, 17.3 and 17.4)	Physics and Maths tutor Seneca learning Free science lessons on YouTube now has A Level content Allery Chemistry YouTube Exam revision packs on google classroom
Computer Science	Paper 1 - Computer Systems (2 hours) Paper 2- Algorithms and	<u>Paper 1:</u> - The characteristics of contemporary processors, input, output and storage devices - Software and software development - Exchanging data - Data types, data structures and algorithms - Legal, moral, cultural and ethical issues <u>Paper 2:</u>	Make use of specification: https://www.ocr.org.uk/Images/170844-specification-accredited-a-level-gce-computer-science-h446.pdf Practice papers: https://www.ocr.org.uk/qualifications/as-and-a-level/computer-science-h046-h446-from-2015/assessment/ Revision using resources on Google classroom(year 12 classroom is still active to

Students should use feedback and RAG rated PLCs to guide their revision focus.



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What are the main barriers to revision?

- Reluctance
- Fear
- Don't know where to start
- Don't know what to revise
- Space
- Time
- Distractions
- Friends not doing it
- Procrastination
- Laziness / Can't be bothered – the exams seem ages away ...



So where do you start?

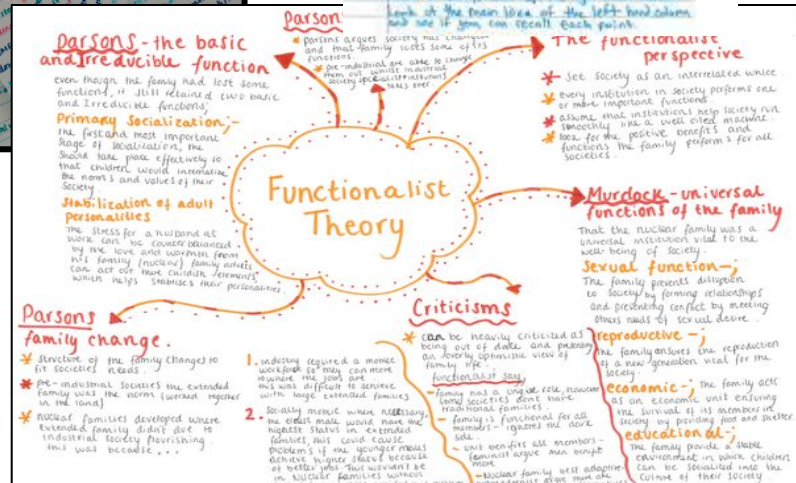
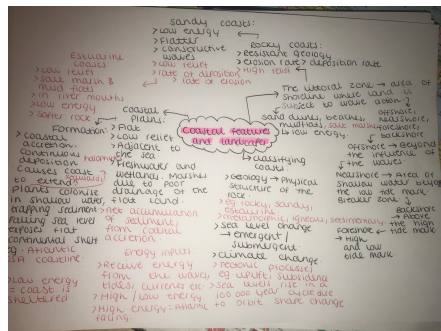
- Find out WHAT you need to learn – which papers are you sitting / exam boards / topics and make a list for each subject and paper
- Make a revision timetable and stick to it (info to follow)
- Organise your notes and workspace. If your notes are in a mess or there are gaps NOW is the time to sort them
- Get lots of rest and have breaks and do things you enjoy too – knowing you have revision covered.

Revision does not need to be overwhelming BUT you do need a strategy...



Revision Strategies - create resources as you go

- Blurting
- Revision cards
- Past Questions
- Reduction
- Cornell Notes
- Mind Maps



Planning Your Revision

- In Google Tutor Classroom
- Exams will be populated - delete and work backwards
- Prioritise weaker subjects
- Tally up the hours spent revising

Planning your revision allows you to balance your revision so you can enjoy your free time more.

	Monday	Tuesday	Wednesday	Thursday	Friday	Weekend
Week 2 Mar 14		UK: Nature and sources of the British constitution	(History trip)	Tudors: H7 consolidation and FP		Physical: Tectonics
Week 3 Mar 21	US: Constraints on the president	America: Truman post-war	Human: <u>Globalisation</u>	Ideologies: Conservatism	UK: Scrutiny of the executive	
Week 4 Mar 28	Tudors: H7 Government and society	(UCL offer day)	Physical: Coasts EQ2	US: Voting behavior	America: Truman civil rights	Human: Regeneration EQ1+2
Week 5 Apr 4 Easter holiday	UK: Role of the Supreme Court	(Work + PinkP)	Tudors: H8 Government and Religion	Physical: Coasts EQ3+4	US: Power of pressure groups	America: JFK election and FP
Week 6 Apr 11	Human: Renewation	Ideologies: Socialism	UK: Nature of	Tudors: H8 Foreign Policy	Physical: Water cycle EQ2	US: Devolution and federalism
Week 6 Apr 11 Easter holiday						
Week 7 Apr 18 Easter holiday						
Week 7 Apr 18 Easter holiday						
Week 8 Apr 25						
Week 9 May 2						
Week 10 May 9						
Week 11 May 16 A/E				Sport & Exercise U1	GCSE Maths paper 1	
Week 12 May 23 A/E		Psychology paper 1	Politics paper 1	History paper 1C: Sport & Exercise US	Geography paper 1: Media paper 1	
Week 13 May 30 A/E		Economics paper 1	Further Maths paper 1: Business paper 1	Physics paper 1: I2 paper 1		
Week 14 June 6		Eng Lit paper 1: GCSE Maths paper 2	Psychology paper 2: Business paper 2	History paper 2C: I2 paper 2		

media

Tudors:
Ed+M Religious and economic changes

Physical:
Carbon cycle EQ1+2

(Mitski)

UK:
Party structures

Human:
HHI EQ3+4

Catch Up!

America:
Watergate and F+C

Human:

(Last Day!)

UK:

May 2	Mary 1	Mechanics	Topic 5	Johnson	Pure
PM					
Week 10 May 9	Biology Topic 6	History Elizabeth 1	Maths Pure	Biology Topic 7	History Johnson
PM					
Week 11 May 16 AM	Maths Stats	Biology Topic 8	History Elizabeth 1	Math Pure	Biology Topic 9
PM					
Week 12 May 23 AM	Maths Pure	Biology Topic 9	History Tudor consolidation	History paper 1C	Maths Mechanics
PM					
Week 13 May 30 Half term AM	Biology Topic 4	History Nixon	Maths Pure	Biology Topic 5	History Ford and Carter
PM					
Week 14 June 6 AM	Maths Pure	Maths Pure	Biology Topic 6	History America consolidation	History paper 2Q

PM		Maths paper 1		Biology paper 1	
Week 15 June 13 AM	Maths Pure	Maths Pure	Biology Topic 7	Biology Topic 8	Biology paper 2
PM		Maths paper 2			
Week 16 June 20 AM	Maths Applied	Maths Applied	Biology All topics	Biology All topics	
PM		Maths: Stats & Mechanics paper 3			
TALLY of revision hours per paper					
	Paper 1	Paper 2	Paper 3		
History	9	10	Coursework		
Maths	9	8	8		
Biology	16	16	24		

It's up to you how you use your 2 hours: Reading and making notes or revision cards, exam questions, marking and reacting...

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1 Mar 7					
PM	Particles (Physics)	Formal proof	The factor theorem	Current electricity	Current electricity
Week 2 Mar 14					
PM	Force, energy and momentum	Understand and use graphs of functions	Use intersection points of graphs to solve equations	Transformations of a curve	Periodic motion
Week 3 Mar 21					
PM	Electromagnetic radiation and quantum phenomena	Use of functions in modeling	The coordinate geometry of the circle	Arithmetic sequences and series	Arithmetic sequences and series
Week 4 Mar 28					
PM	Differentiation: stationary points, minima. Radian measure	Differentiation: stationary points, minima. Radian measure	Trigonometric identities and equations	Trigonometric identities and equations	Trigonometric functions and identities: area under a curve
Week 5 Apr 4					
PM	Trigonometric functions and identities: area under a curve	Exponentials: Solving equations, rate of change	Exponentials: Solving equations, rate of change	Thermal physics	Thermal physics
Week 6	Maximum point	Maximum point; iteration	Radioactivity	Integration as a limit	Integration as a limit

- Tally your hours
- Mark in green or cross off when done!

Alumni Tutoring - students currently at uni who achieved A/A* at Vyners

- **Students who engage with this programme improve their grade from Y12 into Y13 by 1-2 grades.**
- **Students felt that the tutoring had helped their confidence as well as their progress.**
- **Sessions are tailored for students to cover areas of the syllabus they may be struggling with or want to be challenged in.**

“I would just like to say thank you so so much for tutoring me, you helped so much and explained a lot of things that I didn't understand and made me more confident. So thank you very much!”

“Tutoring got me from a D to an A”

“E is an amazing tutor who helped me massively during year 13 and ensured I was able to receive much better grades than last year. I enjoyed all of our tutoring lessons and felt that they were planned accordingly to our needs.”