

NONSUCH

HIGH SCHOOL FOR GIRLS

FORGING OUR PATHS; BUILDING THE FUTURE

Year 13 Mock Exams

Revision Support Guide



Contents

Introduction.....	3
Mock Exam Timetable.....	4
Subject help clubs.....	5
Making a revision plan.....	6
Top Tips.....	7
Strategies for revising.....	9
The “Golden Hour” and active revision techniques	10
The 6 Ps.....	14
Exam Procedures	15
Wellbeing toolkit.....	16
Subject pages (in alphabetical order)	17



"One day you'll look back and realise how hard it was, and just how well you did."

Introduction

This booklet provides guidance for you and your parents on the contents of the Year 13 Mock Exams that will take place from Monday 29 January. These exams will test the progress you have made across your A Level studies so far. Once your teachers have marked the exams, they will look at your results, and meet with you and your parents/carers at Parents' Evening in March to offer you valuable feedback so you know how to prepare best for your final A Level Exams.

You should take these mocks as an opportunity to show your teachers what you are capable of achieving at this point in your Nonsuch journey. You can use your grades in these mocks as an indicator of what you may be able to go on to achieve in the summer exams.

To help you to do your very best in the exams, your teachers have drawn up revision lists- you will find them all in this booklet, along with revision tips and a revision planner to help you organise and use your time wisely.

Remember – there should be no need to panic. You may already feel quite prepared in which case this guide will help to support your existing revision. If you are less prepared, then this guide will give you a focus of what to do in order to be ready for your mock exams. The most important thing is to ask for help if you need it, whether that is from friends, teachers, your tutor, the pastoral team or your parents/carers. There is also included a subject help club timetable.

All of the staff at Nonsuch want you to succeed and we wish you success in the forthcoming exams.

Message from your Head of Year



The very best of luck for your upcoming mocks, a chance to see all your hard work pay off. Use the exams to get a good idea of where you are now and, crucially, to identify what you need to work on before the summer exams. Balancing commitment to your studies alongside looking after yourself is the key to success. Remember to eat well and sleep well! I know you will all do your very best and I can't ask for more than that.

Mrs Rush

Head of Year 13

Year 13 Exam Timetable - 29 January – 09 February 2024

WEEK 1					
	Mon 29 Jan	Tue 30 Jan	Wed 31 Jan	Thu 1 Feb	Fri 2 Feb
08:45	Economics 1 2hrs Drama 3hrs	Psychology 1 2hrs Product Design 1 1hrs 30m	Biology 1 2hrs 15m	English Lit 1 2hrs Further Maths Pure 1hr 30m	German 1 2hrs History 1 2hrs 30m
13:15	Chemistry 1 2hrs 15m	Politics 1 2hrs Spanish 1 2hrs French 1 2hrs Computing 1 2hrs	Maths Pure 1 1hr 30m Music 1 2hrs 10m	Physics 1 2hrs 15m Latin 1 1hr 45m	Geography Physical 2hr 30m RS 1 2hrs
WEEK 2					
	Mon 5 Feb	Tue 6 Feb	Wed 7 Feb	Thu 8 Feb	Fri 9 Feb
08:45	Psychology 2 2hrs	ART ALL DAY Physics 2 1hr 30m Politics 2 2hrs	ART ALL DAY Economics 2 2hrs Product Design 2 2hrs 30m Latin 2 2hrs	ART ALL DAY French 2 2hrs 40m German 2 2hrs 40m Geography Human 2hr 30m	History 2 1hr Spanish 2 2hrs 40m
13:15	Chemistry 2 1hr 30m Music 1 2hrs 10m	Biology 2 1hr 30m	Maths Pure 2 1hr 30m	Further Maths Stats 1hr RS 2 2hrs	English Lit 2 2hrs Computing 2hrs

If you have two exams at the same time you will have one of them rearranged (eg students taking Art will take other exams at a different time). You will receive details about this in your personal exam timetable.

Year 13 Subject Help Clubs

Monday		
Art	13:15 ~ 14:00	Art
Art (by arrangement)	15:30 ~ 16:30	Art
Psychology	13:15 ~ 13:45	352
Tuesday		
Art	13:15 ~ 14:00 and 15:30 ~ 16:30	Art
Chemistry	12:45 ~ 13:10	S9
Computer Science (by arrangement)	12:30-13:00	IT1
History	13:30 ~ 14:00 (wk1)	104
Wednesday		
Art	13:15 ~ 14:00 and 15:30 ~ 16:30	Art
Biology	12:40 ~ 13:10	S3
English	13:15 ~ 13:55	IT3
French (book)	13:30 ~ 14:00	212
Physics	12 30 ~ 13 00	S2
Thursday		
Art	13:15 ~ 14:00 and 15:30 ~ 16:30	Art
Chemistry	12:45 ~ 13:10	S9
Drama written support	15:30 ~ 16:30	Drama
Economics	13:15 ~ 13:50	353
History	13:30 ~ 14:00 (wk2)	104
Government and Politics	13:15 ~ 14:00	History office
Physics Advanced	13:30 ~ 14:00	S2
RS (by prior arrangement)	15.30-16.30	200/RS office
Maths	12:30 ~ 13:00	216
Music	15.30-16.30	M1
Psychology	12.30 - 13.00	352
Friday		
Art	13:15 ~ 14:00	Art
Biology	13:30 ~ 14:00	S3
Drama Rehearsal	13:10 ~ 14:00	Drama
Economics (by invitation)	13:15 ~ 14:00	353
Government and Politics	13:15 ~ 14:00	History office
Physics	13 30 ~ 14:00	S2

Make a Revision Plan

Your revision takes time (not just a quick read of your book the night before) so set out a revision plan. It's not a competition to stay up later than your friends.

We suggest that you begin by creating a revision timetable so that you do not overload, or under-load, yourself. Revision should be carried out in blocks of roughly 30-45 minutes and you should factor in time for a break (see the Golden Hour Technique referred to below)

Either create a grid on paper or use a free app to construct a revision plan, identifying when you are going to revise certain subjects, ensuring you get a good balance across all of them.

A sample timetable is shown below. Make up a similar timetable according to your own school day and stick it up on your bedroom wall or in your study area to help you to keep on top of home study and revision. You may wish to vary what you study according to which week it is and how long there is to go before the exams.

No matter what the task, all good revision plans have the following 5 features:

1. List each topic in each subject.
2. Decide upon the area/s that require the most attention e.g. the topics you find most difficult.
3. Work out how much time you have before the tests begin.
4. Match the topics to the time you have, giving more time to the topics requiring the most attention.
5. Tick off the completed work.

Month	Weeks to go before exams						
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
4.00pm							
5.00pm							
6.00pm							
7.00pm							



Top tips from students who have been where you are now...

Doing well in your exams

1. Get Started!

It's never too early to start getting yourself organised and get revising! The one piece of advice I can give that will stand the test of time is that the work that you put in now will always be representative of your success, be prepared to give up some of your free time, it will all be worth it in the end.

2. Know what works for you and make a realistic revision plan!

Give extra time to the topics you find difficult, and make sure to plan in time to relax and have little things to look forward to. Little and often revision sessions are much better than one 5 hour session.

Use study periods to fine tune revision methods: revision cards, past papers or mind maps.... find something that works now to be as ready as possible for the real thing! Avoid passive techniques such as reading/highlighting/copying notes or listening to YouTube. Engaging with the work is most effective.

Establish a good workspace and studying attitude now! By simulating exam conditions by having no distractions (mobile phones, food, music) it will be much easier to apply your knowledge when the exams come around as you will be used to the environment - distractions are revision's worst nightmare.

Make sure to get enough sleep, exercise and eat healthy!

3. Specifications, Revision Guides, and Past Papers!

Specifications are your best friend – they list all the content that could be in your final exams. They can be found on the exam board websites (AQA, OCR, Edexcel etc). Highlight them in red, orange, and green, and go through difficult topics first, and highlight sections to look at again later. They also show you what you will need to 'learn' e.g. equations, or 'practice' e.g. an English essay. If you are unsure about them, ask! The last thing you want is a surprise on the first page of the exam booklet!

Do practice questions and exam papers so you know what to expect in the real exam. There are hundreds available online for every subject and they should form the basis of your revision schedule. Then mark your questions using the mark schemes and make notes on what you have missed.

4. Don't be afraid to reach out for support if you are struggling!

If you are finding the concept of revision difficult to get your head around don't be afraid to get the support you need! Ask your teachers for further advice and for any questions on the revision you cover. They can mark additional essays or go over what you don't understand. Look at the Student Room as well as YouTubers such as Unjaded Jade or Eve Bennet, who can help you with everything from putting together a revision timetable to staying motivated.

Year 13 goes very quickly, and if you miss lessons or don't understand a topic it can be difficult to go back and learn it again. Do all your homework to the best of your ability and don't forget to ask questions for help!

5. Don't worry if things don't go to plan!

I know from experience that mocks don't always go to plan, AND THAT'S OK (as long as hand on your heart you can say you gave it your very best in the run up to prepare for them).



Charlie Macksey



Strategies for Revising

There is no one correct way to revise and each person will have their own approach. Below are a few strategies that may help...

1. Look at the appropriate subject pages in this booklet
2. Identify what areas you need to focus on
3. Go through your work, or through revision guides, and create some revision resources (mind maps, flashcards, lists)
4. Once you have these revision resources you can use them to revise:
 - a. Testing yourself – hide the resource away or conceal answers (this is why flashcards with answers on the back are so useful!). Do you remember all of the information?
 - b. Get others to test you – give the resource to a family member or friend and ask them to ask you questions relating to the information.
5. Look at some of the more relevant questions you have done throughout the year in your folders – redo the questions using your revision resources as help. Practice makes perfect! Just because you have done something once, doesn't mean you won't benefit from doing it again! That goes for past papers too, you can do the same paper multiple times if you need to.
6. Use **The Golden Hour** to work in 1 hour sustainable chunks...



THE GOLDEN HOUR

This is a great way to work in 1-hour sustainable chunks.

10	<p>10 Minutes: Refresh</p> <p>This is where you wake yourself up to the topic you are about to revise. Get reacquainted, get in the zone! Read a section or two from a revision guide. The rule in this section is simple. NO PENS ALLOWED</p>
5	<p>5 Minutes: Water Break</p> <p>This doesn't mean go and scroll through your social media, or google something random. It means go and drink some water! It also gives your brain time to settle in and begin thinking about the topic and possible challenges ahead. Stay hydrated: A 4% dehydrated brain is 40% less efficient.</p>
30	<p>30 Minutes: Active Revision – Pens in hand...</p> <p>MAKE OR CREATE a revision resource (like index cards). Make sure they are “active” ones that you can reuse / retest yourself with.</p> <p>OR Do OPEN BOOK exam question practice. This section is NOT a test, and research suggests the activity that has the BIGGEST impact on progress is repeatedly practising exam questions.</p>
5	<p>5 Minutes: Water Break</p> <p>30 minutes of hard focused work is tough, so have a break. Give your brain 5 minutes to think about what you have just done and get ready for the next bit.</p>
10	<p>10 Minute: Test</p> <p>This is the most important bit, and often the bit most people leave out! Do you KNOW what you THINK you know?</p> <p>Test yourself, or ask someone to test you, on the topic you have just revised, maybe using the revision cards you have just made.</p>

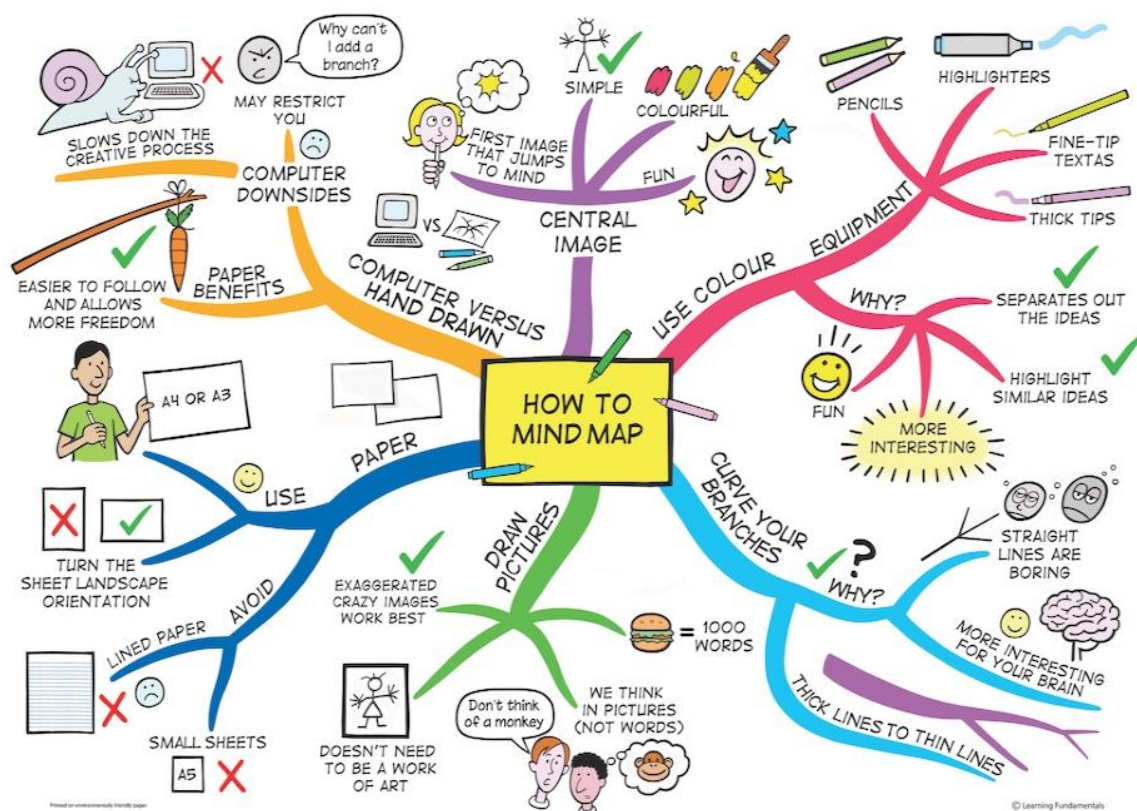


Some ideas for “active” revision techniques

Here are some ideas of what you can create in your 30-minute revision blocks.

Mind Maps

Mind maps are excellent memory techniques because, by using a mixture of colour, pictures and imaginations with logical sequential information, they use both sides of your brain. Condense your notes and organise them by them, main ideas and details. An example is shown below.



Posters

These can be good for getting lots of important information about a topic down in one place. Like mind maps, it's a good idea to stick them on your wall when you have finished.

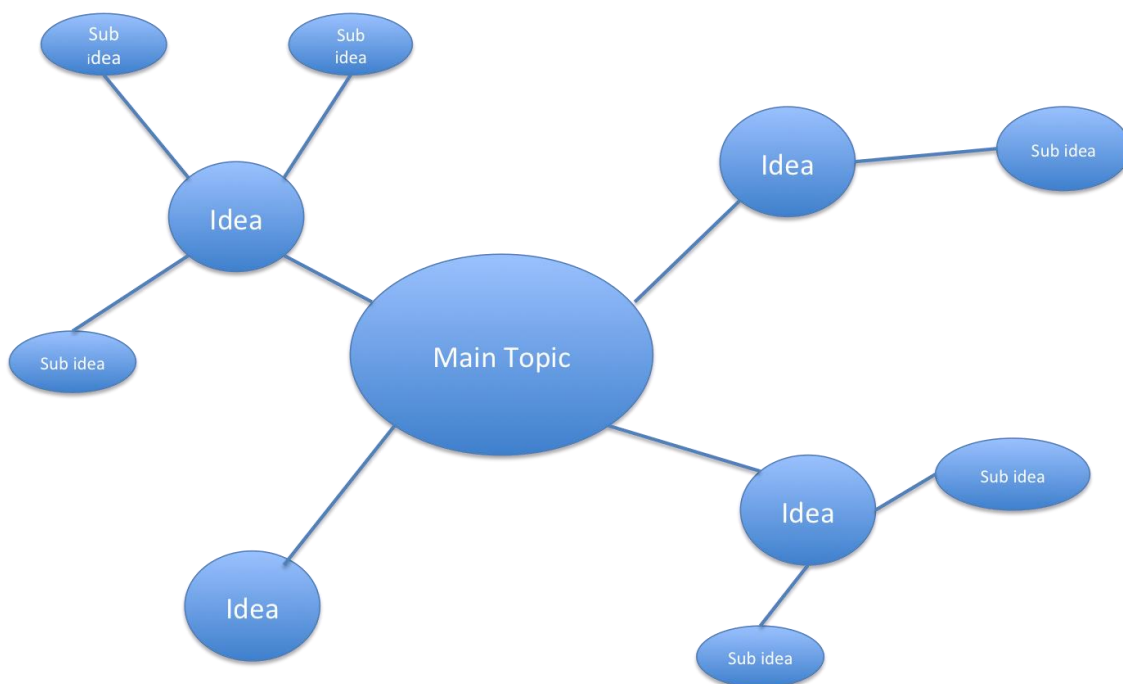
Slide shows / PowerPoints

These can be used to present key information or to test yourself. You can edit the information easily by cutting and pasting material from one slide to the next. You can include revision questions and answers on subsequent slides.

Spider Diagrams

Spider Diagrams are a great way to dump what is in your brain on a page, so they can be used before you begin revising a topic, to see what you know first.

Divide your revision into manageable sections and try devoting five minutes at the start of each session to creating a spider diagram detailing all that you can recall about a topic. Write the title of the section in the middle of your paper and draw a ring around it.



Divide the page into smaller sub-sections by writing sub-headings around the main word. Use these words as the foundations from which to build your own thoughts around. Recalling certain facts and arguments will lead you to other connected information and ideas. Once you have written all that you can, take a look at your revision guide, class notes or textbook and try to establish what has been left out.

Flow Charts

You can use flow charts to revise anything that's split into a series of steps. They are useful for showing how different steps are linked – e.g the order of events

You can either draw flow charts by hand or use a site like **creately**

<https://app.creately.com/d/start/dashboard>

Flash Cards

These are a great way of revising things like key quotes, formulas, dates, terminology and vocabulary.

Making the flash cards provides you with an opportunity to go over the content, and testing yourself with them (or getting someone else to test you) is a good way to check that everything has sunk in.

Write the question prompt on the front, and the answer on the back.

Here's an example from A Level English Literature:

What are the key themes presented in Christina Rossetti's "Remember"?

1. Grief
2. Longing
3. Melancholy

Different coloured pens

Using two different-coloured pens to test how much you know about a topic can help you identify any areas you still need to spend more time on:

1. Set yourself a time limit, such as 15 minutes, and write down everything you know about a particular topic, eg by writing a list of bullet points or drawing a mind map
2. When time has run out, or you can't think of anything else, go back to your notes and use a different coloured pen to add anything you missed.
3. By using different coloured pens, you can easily identify the material you have forgotten or need to brush up on.
4. This technique also works if you want to add anything you have missed to a timed essay or practice paper once you have marked it.

The 6 Ps.....

Prior Preparation and Planning Prevents Poor Performance

Week(s) before the exam...

- Do you know what to expect in the exam?
- Set aside time for quality revision

Night before the exam...

- Normal routine
- Pack bag for the exam then, ensuring you have packed all the equipment (*in a clear pencil case*) including water bottles (*with label removed*)
- No last-minute cramming, go to bed at a normal time

Morning of the exam...

- Eat breakfast, drink water
(<http://www.bbc.co.uk/news/education-17741653>)
- Plan your journey to school
- Ensure you place all devices (*mobile phones – turned off, watches*) in your bag.

Advice for when you get in the exam hall

- Follow **ALL** the instructions to the letter.
- Read any instructions given on the paper, or listen carefully to the teacher who gives out the exam.
- Read the questions very carefully, and if there are examples given study them carefully too.
- Make sure you answer the question given – there is little point telling the examiner what you know, if it has nothing to do with the question set.
- Plan your time well in the exam- if you only manage to attempt half of the questions, the best mark you can possibly get is only 50%
- Make sure your answers are well-presented, write clearly and neatly and label diagrams or pictures, if this helps your answer.
- **DO NOT PANIC.** Remember, exams are NOT designed to catch you out rather, to allow you to show what you have learned. Being calm and thoughtful in the exam will help you get the most out of your preparation.



YEAR 13 MOCK EXAM PROCEDURES 2024 - INFORMATION FOR STUDENTS

- Year 13 mock exams will take place from Monday 29 January to Friday 9 February.
- There will be 2 exam sessions per day. Session 1 starts at 8.45am and session 2 starts at 1:15pm
- If you have an exam clash, with two of your subjects having exams at the same time, one of the exams will be rearranged. Your individual exam timetable will indicate this.
- You should register in the **ground floor common** room at 8.25am for morning exams and 1.00pm for afternoon exams.
- Any student who is going to be absent for their exam must notify the school immediately on the morning of the exam. Absences which occur during the mock exam period which are not covered by a satisfactory explanation or medical note will be classed as unauthorised.
- A copy of the seating plan is displayed in the ground floor 6th form common room. Students should check this daily for updates about exams.
- You **must** know your seat number and candidate number for each exam. The candidate number stays the same but the seat number is likely to be different for each exam. You need your candidate number for all your public exams so should memorise it.
- You will be issued with a card with your name, candidate number and photograph on it. You must bring this to each exam and place it face up on the top right-hand corner of the exam desk. Please do not lose your cards – they help the invigilators to identify you and complete a register. It is a JCQ regulation to have photographic evidence of every student.
- Exam invigilators will escort you into the exam room. Students must enter the exam room in silence and sit in silence.
- **No mobile phones or watches are to be taken into the exam hall.**
- Students can only bring exam material (**black** pens, pencils etc.) into the exam hall in a clear pencil case / clear plastic bag. The invigilators will **NOT** provide any equipment to complete the exam e.g. calculators, rulers etc. A small bottle of water *with the label removed* is allowed. Highlighters are permitted for annotating question papers only. They must not be used on your answer booklet. **No Tippex pens or correcting pens, no lip balm, USB's, watches or electronic equipment.** No other materials should be brought into the exam room. Any unauthorised material will be confiscated.
- There is no intention to permit students to have a toilet break during the exam as this can disrupt students doing an exam. Only in exceptional circumstances will toilet breaks be permitted. No one will be allowed to leave the exam hall during the last 15 minutes of the exam.
- When the exam is finished you will leave the exam hall in silence, a row at a time, when you are dismissed by the exam invigilator. Students should be aware that other exams may be taking place and therefore must leave the exam and the school quickly and quietly.

DO NOT DISTURB LESSONS AROUND SCHOOL

If you have any queries see Mrs Dallas, Ms Johns, Mrs Rush or Mrs Todd

Where to get support for you or a friend when you are not in school

For support with mental health & wellbeing



www.kooth.com offers online confidential one-to-one support for young people, plus access to online self-help materials.



In non-covid times they offer face to face counselling in Merton, Croydon & Sutton. At the moment they offer a text-based counselling service or telephone/videocall counselling.
www.talkofftherecord.org



Childline is open 24 hours a day, 7 days a week. So you can talk to us any time. When you call us on **0800 1111** you'll get through to a counsellor, they're there to listen and support you with anything you'd like to talk about. Or you can have a 1-2-1 counsellor chat online.
They can provide help and support for people up to their 19th birthday



For support in a crisis



Crisis Line 0203 228 5980

For young people or parents/carers worried about a young person's mental health.

Open: Monday to Friday 5pm – 11pm,

Saturday, Sunday, and Bank Holidays 9am – 11pm.



Young People can use the Young Minds Crisis Messenger by texting 'YM' to 85258



or contact Samaritans 24/7 on 116 123

For support in an emergency

In an immediate health or mental health emergency, contact **999** or attend **A&E**



Subject Pages

Biology

Type of Assessment	The mock will consist of 2 papers. One paper will be based on the Biological Processes and Biology Diversity content and the second will be based on the Unified Biology type questions.		
Duration	Paper 1 will be 2 hours and 15 minutes Paper 2 will be 1 hour and 30 minutes		
Topics to Revise	1.1 Examinable practical skills 2.1.1 Cell structure 2.1.2 Biological molecules 2.1.3 Nucleotides and nucleic acids 2.1.4 Enzymes 2.1.5 Biological membranes 2.1.6 Cell division, diversity and organisation 3.1.1 Exchange surfaces 3.1.2 Transport in animals 3.1.3 Transport in plants	4.1.1 Communicable diseases, disease prevention and the immune system 4.2.1 Biodiversity 4.2.2 Classification and Evolution 5.1.1 Communication and Homeostasis 5.1.2 Excretion 5.1.3 Neuronal communication 5.1.4 Hormonal communication 5.1.5 Plant and animal responses- animal responses only (g-l) 5.2.2 Respiration 6.1.2 Patterns of inheritance 6.3.1 Ecosystems 6.3.2 Populations and sustainability	
Where to go for help	Email: fisher-j@nonsuchschool.org Help club: Wednesdays at 12:40 in S3		
What to revise if I had:			
10 minutes	Try explaining a topic out loud, this will help you identify any difficulties or gaps in your understanding. Read through a concept such as structure of a neurone and pick out 5 key words which will help you remember it next time you review the concept.		
20 minutes	Practise a 6 mark question. Give yourself 2 minutes to highlight the key words and make a rough plan and 10 minutes to complete the question fully. Use remaining time to read the mark scheme and level your answer. Write any points from the mark scheme that you didn't get on a post it note and put with your notes for this topic.		
50 minutes	Complete 30 marks worth of past paper questions and spend the remaining time going through the mark scheme Use the areas where marks were lost to inform you which area to focus on when you next revise Biology.		
Revision Resources	<ul style="list-style-type: none"> • Your specification divider sheets. • The textbook available on kerboodle. • Assessment booklets for each topic • The stretch and consolidation resources found in the curriculum shared area. • Past paper questions 		
Revision Tips	<ul style="list-style-type: none"> • When going through a topic, think about what other topics could be linked to that one. This is helpful for the Unified Biology paper. • Mind maps can be a good way of summarising content. • Complete past paper questions, go through the mark scheme afterwards and then try and complete the question again. • Add points from the mark scheme to your revision notes on post it notes when you have gone through a practice question. 		

Chemistry

Type of Assessment	<p>A-level Written Examinations:</p> <p>Paper 1 will cover both Organic and Physical Chemistry (a combination of questions from OCR Paper 1: Periodic table, elements and physical chemistry and OCR Paper 2: Synthesis and analytical techniques).</p> <p>Paper 2 will again cover both Organic and Physical Chemistry but will focus on OCR Paper 3: Unifying Chemistry.</p>
Duration	<p>Paper 1 will be 2h15min and be 100 marks.</p> <p>Paper 2 will be 1h30min and be 70 marks.</p>
Titles	A-level Chemistry: Paper 1 and Paper 2
Topics to Revise	<p>Please refer to the specification: https://www.ocr.org.uk/qualifications/as-and-a-level/chemistry-a-h032-h432-from-2015/</p> <ul style="list-style-type: none"> • Module 1 – Development of practical skills in chemistry (ALL): Practical skills in a written examination • Module 2 – Foundations in chemistry (ALL): <ul style="list-style-type: none"> 2.1 Atoms and reactions 2.2 Electrons, bonding and structure • Module 3 – Periodic table and energy (ALL): <ul style="list-style-type: none"> 3.1 Periodic Table 3.2 Physical chemistry • Module 4 – Core Organic (ALL): <ul style="list-style-type: none"> 4.1 Basic concepts and hydrocarbons 4.2 Alcohols, haloalkanes and analysis • Module 5 – Physical chemistry and transition metals (PART): <ul style="list-style-type: none"> 5.1.1 Reaction rates (quantitative) 5.2.1 Lattice enthalpy 5.2.2 Enthalpy and entropy 5.3.1 Transition elements NOT 5.3.1k (Redox reactions) 5.3.2 Qualitative Analysis • Module 6 – Organic chemistry and analysis (PART): <ul style="list-style-type: none"> 6.1.1 Aromatic compounds 6.1.2 Carbonyl compounds 6.1.3 Carboxylic acids and esters 6.2.1 Amines 6.2.2 Amino acids, amides and chirality 6.3.1 Chromatography and qualitative analysis 6.3.2 Spectroscopy

Where to go for help

Email: halliwell-c@nonsuchschool.org
 Help club: Tuesdays and Thursdays lunchtimes in S9

What to revise if I had:**10 minutes**

Choose a topic and watch UpLearn revision video. Make brief notes.

20 minutes

Review a topic using UpLearn. Make brief notes. Complete a quiz.

50 minutes

Review a topic using UpLearn. Complete practice questions and self-assess.

Revision Resources

- UpLearn
- Online textbook – Kerboodle
- MACHemGuy on YouTube
- Topic books
- Chemistry SharePoint
- Kahoot
- Quizlet
- Physics and Maths tutor past questions
- Whole past papers on the OCR website (see link above) or Chemistry Sharepoint

Revision Tips

- Prioritise your revision – choose topics you are least confident in, this way you can improve your grades.
- Don't revise subjects you already know well.
- When practising questions – do so in a timed manner. A good guide is 1 minute per mark.
- ALWAYS mark your work – be critical, so you use exactly the correct language.
- Break it down into hourly chunks. A whole day of one subject is never a good idea. 😊

Computer Science

Type of Assessment	Written Exams Paper 1: Computer Systems Paper 2: Algorithms and Programming
Duration	Paper 1: 2 hours Paper 2: 2 hours Both papers will have a mix of short answer, long answer and extended questions.
Title	A-Level Computer Science

Topics to Revise	<p>Paper 1</p> <p>Questions may contain following and correcting algorithms and programs.</p> <ul style="list-style-type: none"> • Characteristics of contemporary processors, I/O and storage: <ul style="list-style-type: none"> ○ structure and function of the processor, types of processor, Input, output and storage • Software and software development: <ul style="list-style-type: none"> ○ Systems software, applications generations, Software development (methodologies, their drawbacks and merits), types of programming language (procedural languages, assembly language, modes of addressing memory, OOP) • Exchanging data: <ul style="list-style-type: none"> ○ hashing, databases • Data types, data structures and algorithms: <ul style="list-style-type: none"> ○ data types, data structures, Boolean algebra
-------------------------	--

Paper 2

Section A will contain questions which may cover writing algorithms and computational methods, programming and programming techniques and problem solving. These questions may contain some shorter answer questions. Section B will have a scenario set at the start of the section; this will contain information that will be used for the questions that follow. The questions will be largely of a higher tariff with problem solving algorithms and programming again forming the basis.

- Elements of computational thinking:
 - abstractly, ahead, procedurally, logically, concurrently
- Problem solving and programming:
 - constructs, recursion, global and local variables, functions and procedures, parameters and arguments, IDEs, OOP
- Algorithms:
 - searching and sorting, shortest path, time complexity, Big O notation, traversals
- Main data structures and their algorithms:
 - stacks, queues, lists, trees, graphs

Where to go for help	Email: Mrs Andrew andrew-f@nonsuchschool.org Email: Mrs Ahmad ahmad-r@nonsuchschool.org Tag us on teams @andrew-f and @ahmad-r Help club: by prior arrangement
-----------------------------	--

What to revise if I had:

10 minutes	Browse through a topic in your text book. Note down the concepts or ideas that concern you
-------------------	--

20 minutes

Choose a topic and answer the questions in the text book (main text and end of chapter). Then check answers with the textbook answers in the Team Files

50 minutes

Choose an AS or A2 past paper. Skip questions that you know you know. Note down the topics for any you know you can't do (unless it is an A2 topic we have not yet studied).

Attempt the questions you *think* you know how to do. Then check your answers with the mark scheme.

Hence develop two lists: 'topics I know', and 'topics I need to study/review/get support with'.

Revision**Resources**

- Text book: *A-Level Computer Science (PG)*
- Digital textbook: Craig n Dave Essential algorithms and data structures
- Isaac computing
- Craig n Dave YouTube channel
- SharePoint pages

Revision Tips

- Be active: make revision topic sheets / mind maps or flash cards. Edit the digital notes.
- Don't re-write the textbook. All revision notes should REDUCE in size as you master topics.
- ALWAYS mark your work – be critical, so you use exactly the correct language – OCR are picky on language.
- The papers do not require knowledge of C# so don't get bogged down in syntax

Design and Technology

Type of Assessment	Written Exam Paper 1 - Technical Principles Paper 2 - Designing and Making principles
Duration	Paper 1 - 2 hours 30 minutes 120 marks Paper 2 - 1 hour 30 minutes 80 marks
Titles	A level Design and Technology: Product Design

Topics to Revise

Paper 1

- Materials - ABS, PLA, HIPS, gold, teak, piezo electric, composites
- Manufacturing Processes - Wood joints, case hardening, 3D printing, lay-up technique, plastic manufacturing techniques
- Finishes - Anodising, finishes for paper and board
- Children's toy safety
- Open Design
- Vertical in-house production system
- Critical Assessment of existing products
- Finite Element Analysis (FEA)
- Advantages and disadvantages of software updates for electrical products

Paper 2

- Critical path Network
- Use of jigs and templates
- Welding, safety when welding, welding masks
- Market research strategies
- Wood turning, metal turning
- Environmental impacts of products
- Design Specification
- Measuring devices for acceptable tolerances
- Quality control checks
- Ergonomics and anthropometrics
- Dieter Rams
- CNC Router

For this paper you will need:

- normal writing and drawing instruments
- Scientific calculator

Each paper can include maths questions

Remember you would be expected to apply your knowledge

Plan your answers

Where to go for help Classwork Booklets
 Email: Miss Hobart
 Help Club: Tuesday and Wednesdays 3.20 – 4.30pm

What to revise if I had:

10 minutes Watch a short YouTube video on one of the manufacturing techniques and explain the process using sketches and notes from memory
 Make a mind map of a material area include: classification, properties, finishes, manufacturing techniques, joining methods

20 minutes Choose a topic, create revision notes and then test yourself using past paper questions, BBC bitesize or see how much you can write down in a certain time about that topic.

50 minutes Find a longer answer questions and plan your answer - use a spider diagram to write down points to include, then number the points so that you know what order to write your answer. Then write your answer. Use the mark scheme to mark your answer, add any corrections or further information in another colour.

Revision Resources Revision Booklet
 You Tube - Manufacturing techniques videos
www.technologystudent.com
www.remembermore.app
www.bbc.co.uk/bitesize – GCSE notes, video clips, daily lessons, questions
www.senecalearning.com – GCSE revision, questions
www.getrevising.co.uk – revision, questions

Revision Tips

1. Read through notes unit booklets and highlight key points.
2. Refer to the revision booklet to help guide your revision and complete the activities
3. Spider diagram - write down as many things that you can think of - use the following headings - expand on points, use different colours. Do some from memory and then add to it further looking through your notes.
4. Complete any of the extra activities/questions in your notes/booklets that we haven't completed.
5. Write your own multiple-choice questions – you can then answer them yourself as well as share them (don't forget to include the answers too).
6. Sketch out the different manufacturing techniques – 4 - 5 pictures per technique with notes. Make sure sketches are clear, add some simple colouring. Annotate to help explain each step.
7. Make your own flashcards /notes – make links.
8. Plan longer answers - use a spider diagram to write down points to include, then number the points so that you know what order to write your answer.
9. Draw items in isometric projection, exploded, and third angle. Practise makes perfect!

Drama

Type of Assessment	The mock will consist of a series of essay questions based on Section A: Antigone, Section B: Metamorphosis questions and Section C: Live Theatre Review	
Duration	3 Hours	
Title	Component 1	
Topics to Revise	<ul style="list-style-type: none"> • Antigone’s Social/Historical Context • Themes within Antigone • Creative Overviews for key scenes in Antigone • Characters in Antigone and their functions • Greek Theatre Vocabulary • Directing ideas for Antigone • Performance ideas for Antigone • Metamorphosis’ Social/Historical Context • Berkoff performance and staging techniques 	<ul style="list-style-type: none"> • Design ideas for key scenes in Metamorphosis • Performance ideas for key scenes in Metamorphosis • Directing ideas for key scenes in Metamorphosis • Themes within Metamorphosis • Characters in Metamorphosis and their functions
Where to go for help	Email: Ms Pinel: pinel-k@nonsuchschool.org or Miss. White: white-H@nonsuchschool.org Help club: Thursday from 3:30-4:30	

What to revise if I had:

10 minutes

- Re-Read an episode or choral ode from Antigone – have a pencil with you: if you see a good quote for a character or have a good performance/directorial idea annotate it into your script
- Go through your notes/ Antigone power point (on one drive) and make a list of relevant social/historical/cultural context.
- Go through your key Greek Theatre Terminology sheet – if you haven’t already- make flashcards!
- RAG the specific content (mark scheme) to identify areas you are least confident on. Do this for Antigone or/and Metamorphosis.
- Look at previous feedback for a directorial Metamorphosis question: in a different colour pen add what your next steps were
- Look at previous feedback for a performer Metamorphosis question: in a different colour pen add what your next steps were
- Look at previous feedback for a design (lighting, set, sound) Metamorphosis question: in a different colour pen add what your next steps were
- Go through key terminology for Metamorphosis. If you haven’t already – make flashcards!
- Go through the structures for a director’s, performer’s and designer’s Metamorphosis question
- **Go through the structure for section C**
- **Make a list of key scenes in The Play That Goes Wrong and write down what the actor’s do in these scenes**

20 minutes

- Go through your script and work out which scene you would use to write about ONE of the following in Antigone (each bullet point will take about 20 minutes):
 - Creating Tension
 - Showing a character flaw
 - Highlighting the rule of the gods over the rule of man
 - Showing Ismene as a typical Athenian Woman
 - Comedy
 - Showing Antigone's 'fiery' nature
 - Showing Creon and Haemon's relationship
 - Showing Antigone and Creon's relationship
 - Showing Ismene and Antigone's relationship
- Go through and mind-map key scenes in Metamorphosis so that you could highlight the following:
 - Key aspects of Berkoff's Total Theatre Theory
 - Directorial, performer and directorial ideas
 - Specialist terminology to use in the exam (linked to Kafka, Artaud etc...)
- Look at practice questions for section C, pick one and make a plan for this question. Underline key phrases in the question to help you
- Read through Section C exemplars on one drive use them to create a checklist of things you should include.
- Go through past essays for section A, B and C. Look at feedback and re-write one paragraph according to that feedback

50 minutes

- Go through the Antigone power point and make a mind map of each character's journey through the play – include vocal/physical suggestions
- Re-read Metamorphosis and note down ideas on the table given to you, identifying key features from the three different perspectives. The revision pack grid (a copy can be found in the onedrive folder at the top of this page)
- Complete a timed Antigone question (1 hour)
- Complete a timed Metamorphosis question (1 hour)
- Complete a timed Live Theatre Review question (1 hour)
- Go through and mind-map key scenes in Frankenstein so that you could highlight the following:
 - Tension
 - Effective use of vocal/ physical skills
 - A specific atmosphere

Revision Resources

- All power points and revision resources are available on onedrive/sharepoint

Revision Tips

- Make a list before you begin so you know what you want to get down
- Re-read or re-watch your set texts/ live theatre play so you know you've got it fresh in your mind.
- Key word jenga/scrabble – have fun whilst revising!

Economics

Type of Assessment	The mock will consist of 2 papers, one micro and one macro, each paper is two hours in length	
Duration	Each paper is two hours in length	
Title	A Level...Economics A Edexcel ECO9	
Topics to Revise	Micro – paper 1 <ul style="list-style-type: none"> • Economic systems • Opportunity cost • Elasticities • Consumer/producer surplus • Efficiency • Negative externalities and government intervention to correct market failure • Environmental policies • Positive externalities • Economic rationality • Market structures • Pricing policies 	Macro – paper 2 <ul style="list-style-type: none"> • Inflation • Unemployment • GDP • Economic growth • Government debt • Trade agreements • Strategies for growth and development in emerging economies • Debt • Macroeconomic policies, monetary, fiscal and supply side policies

Where to go for help Email: triegaardt-h@nonsuchschool.org
 Help club: Friday 12,30– 1pm room 353

What to revise if I had:

10 minutes

7. Watch a video from tutor2u or econoplusdal – content or skills

20 minutes

- Try some multiple-choice questions
- Do a 10- or 15-mark question

50 minutes

- Make detailed notes/mind map/diagram
- Try 25-mark question
- Read an examiners report

Revision Resources

- Course companions
- tutor2u
- Econplusdal
- Up Learn

Revision Tips**Learning is Active Not Passive.**

if you just read a textbook from start to finish, you will struggle to learn much. Active revision means that you are constantly thinking and trying to understand the concepts involved. This is the key to successful revision. Every 15 minutes, ask yourself what have I learnt? Do not measure your revision by time spent, but the number of things learnt.

Test Yourself.

Make a list of things you need to learn and questions that might appear. Then close all your books. What can you remember? Make a list of what you know and then when you are stuck, check up on what you missed and make a point of trying to remember these.

- A level exam is not just about knowledge and memorising facts. There is a high weighting (up to 40%) for evaluation. This means the ability to critically examine the material you present – looking at issues from various aspects and angles.

English Literature

Type of Assessment	The mock will consist of 2 papers.	
Duration	Paper 1 – 2 hours Paper 2 – 100 mins	
Title	A Level English Literature AQA Specification A Option B Paper 1 – Love Through the Ages – <i>Othello</i> and unseen poetry Paper 2 – Texts in Shared Contexts – Modern times: Literature from 1945 to the present day – <i>A Streetcar Named Desire</i> and unseen prose	
Topics to Revise	<p>Paper 1 - Unseen Poetry</p> <ul style="list-style-type: none"> • Knowledge of poetic devices for form (including rhythm and metre), language (including sounds) and structure • Knowledge of key historical context for each century 1500-1900, and knowledge of key historical context for each decade 1900-2023 • Knowledge of typical attitudes, forms and imagery in love poetry across time • Understanding of how different views could have been received by readers across time, including critical interpretations, e.g. Feminist, Psychoanalytical, Marxist • Understanding of comparative essay structure • Past paper/practice questions – these can be found on SharePoint and the AQA website <p>Paper 1 Section C - <i>Othello</i></p> <ul style="list-style-type: none"> • Plot of the play/themes/motifs • Key aspects of language, form and structure. Use of soliloquy, blank verse and prose. Structure of a tragedy • Knowledge of contextual information • Knowledge of typicality of a Shakespearean tragedy • Knowledge of critical interpretations of texts e.g. Feminist, Psychoanalytical, Marxist • Understanding of how different audiences over time would have responded 	<p>Paper 2 Section B1 - Unseen Prose</p> <ul style="list-style-type: none"> • Knowledge of aspects of language, form and structure for prose, e.g. narrative perspective, voice, style, dialect • Knowledge of key historical, social, political and cultural context for each decade 1945-2023, e.g. personal, social and national identity; social structures and categorisation; gender; relationships; political upheaval and change/rebellion; sexuality • Knowledge of typical attitudes, perspectives and imagery in prose • Knowledge of typicality of extract for its context • Knowledge of and understanding of the author's intentions (prose as a consciously crafted narrative) • Knowledge of wider reading links • Understanding of how different views have been received by readers across time, including critical interpretations, e.g. Feminist, Psychoanalytical, Marxist • Past paper/practice questions – these can be found on SharePoint and the AQA website <p>Paper 2 Section B2 – <i>A Streetcar Named Desire</i></p> <ul style="list-style-type: none"> • Plot of the play/themes/motifs • Knowledge of a modern tragedy • Knowledge of elements of Expressionistic and Naturalistic drama • Key aspects of language, form and structure. Use of discourses, duologues, dramatic monologues etc. • Knowledge of critical interpretations e.g. Feminist, Psychoanalytical, Marxist, New Historicist etc.

- Understanding of question structure: extract and the rest of the play
- Past/practice questions – these can be found on the SharePoint site and AQA website
- Understanding of how the audience of time the play was written and subsequent audiences may have responded
- Understanding of holistic essay structure (you get a choice of two questions)

Where to go for help

Email: Ms Yeadon at yeadon-j@nonsuchschool.org, Miss Jones at jones-e@nonsuchschool.org or your class teachers.

English Extra Plus 'Flower' sessions are running on Thursday lunch times. If you have not had an invitation and would like to join a session, please email Ms Yeadon.

What to revise if I had:

10 minutes

Complete a box plan on a practice question
Revise quotations from the core texts

20 minutes

Read through notes and consolidate knowledge of bullet points above
Test myself on revision cards

50 minutes

Do a practice essay in timed conditions (50 minutes for Paper 2, 1 hour for Paper 1)
Write out revision cards of key quotations from each text

Revision

Resources

- English SharePoint
- AQA website
- SparkNotes
- YouTube
- CGP and York Notes revision guides

Revision

Tips

- Make revision materials and revise from them regularly
- Write out key quotations from the core texts and critics and learn them – this will save you time in the exam, even though it's open book for all except *Othello*
- Do timed plans regularly
- Do timed practices

Fine Art

Type of Assessment: All portfolio work (from Yr. 12 and Yr. 13) on your Personal Enquiry theme of 'Transitions & Transformations', accompanying 3000-word essay and 15-hour formal practical mock exam in February where students will produce their final outcome (AO4) for their 'Transitions & Transformations' enquiry.

Duration: 15-hour mock exam in February (over three school days)

Title: Personal Enquiry (Component 1)

Assessment Objectives:

AO1: Develop ideas through investigations demonstrating analytical understanding of sources.

AO2: Refine work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes.

AO3: Record ideas, observations and insights relevant to intentions as work progresses.

AO4: Present a personal and meaningful response that realises intentions and demonstrates understanding of visual language.

All Assessment Objectives are marked out of 24 marks; there 96 marks in total. All work counts towards your overall A-level grade. In the Summer 2023, your Personal Enquiry (Component 1) will make up 60% of your overall mark; this will include your all your work in Yr. 12 and Yr. 13 and the Externally Set Assignment (exam unit – Component 2) will be set in February 2023 by the exam board AQA. This will make up the remaining 40% of your final A-level grade. You will have a formal 15-hour exam in the Summer in 2023 to realise a final outcome (AO4) for the ESA enquiry.

Where to go for help: Students have to follow the week-by-week schedule ensuring all classwork and homework is complete, this will help them be ready and prepared for the mock examination. The Art & Design Department (incl. Photography) is open every lunchtime for you to work independently on your project. Staff are available at these times too. It is also advised that you work in your classroom at least once (ideally twice) a week for twilight after-school sessions on Tuesdays, Wednesdays and Thursdays.

You can email your class teacher if you cannot speak to them in lesson/afterschool:

- lindsay-r@nonsuchschool.org

- tuttolomomndo-a@nonsuchschool.org

What to do if I had:

10 minutes:

- Add annotation to my sketch book pages/work/photoshoot/print images needed for your next lesson
- Look up images of artwork by an artist suggested by my teacher

20 minutes

- Take photographs of your chosen subject matter/theme for a photo-shoot

50 minutes

- Make an observational drawing/start an experiment/development piece of prep work
- Spend some time finishing a larger piece

Guidance and Advice:

- Stay on task in lessons, do not waste time chatting.
- Ensure I bring my sketchbook to every lesson.
- Ensure I bring appropriate resources (objects/photos) to lessons.
- Complete all work/homework in full and meet each deadline.
- Read through feedback given and ensure I apply the targets set in my next piece of work.
- Set myself a time limit to complete specific parts of my work to increase my pace of work.
- Attend after school/lunch time Art sessions every week to complete and keep on top of work.
- Use the 'Reading Images' headings; when completing Critical and Contextual Studies.
- Always use subject specific vocabulary when analysing/discussing my work and the work of others and in your written annotation.
- Visit galleries and museums to make first hand responses (both visual and written) at least once a term.
- Look at the AQA website for examples of other students work.

Follow your week-by week Mock Preparation Schedule – this is a minimum requirement for you to create enough work to achieve all the assessment objectives.

French

Type of Assessment	The mock will consist of: Paper 1 Listening, reading and translation into English Paper 2 Writing (x2) and translation into French Oral Exam. Two stimulus cards (Date TBC)	
Duration	Paper 1 (2 hours) Paper 2 (2 hours and 40 minutes) Oral Exam: (13-14 minutes + preparation time)	
Title	A Level French	
Topics to Revise	<ul style="list-style-type: none"> • Changes in family structure • The world of work • Festivals and traditions • Music • Media • Education • The German occupation of France • The positive impact of immigration on French society 	<ul style="list-style-type: none"> • The challenges of immigration and integration in France • Les Choristes • Un sac de billes
Where to go for help	Email: Matel-r@nonsuchschool.org / Rudolph-p@nonsuchschool.com Please ensure that you approach your teachers whenever you need assistance. We are keen to help!	
What to revise if I had:		
10 minutes	Revise some vocabulary from a particular topic area (use the textbook or handouts) / revise one key verb in lots of tenses / revise irregular verbs in a particular tense / revise factual knowledge from topics covered/ read, watch or listen to the French news headlines and note down some new vocabulary	
20 minutes	Revise some complex structures / look over the how to write an essay guide / re-read a chapter from un sac de billes / watch an extract of Les Choristes/ do a mind-map of key quotes of the play or film/ look at some previous writing and check you understand any “ebis” given by your teacher / use francaisfacile.com for grammar and vocabulary practice /read some articles in the news on topics in the A Level specification. Make some notes on the headlines and on key vocabulary.	
50 minutes	Write a summary essay of key points you remember for each topic / Listen to French news / divide your revision into some vocabulary, grammar and another activity. At the end go back to the vocabulary and test yourself on anything you didn’t get right first time	
Revision Resources	<ul style="list-style-type: none"> • Edexcel A Level French Textbook • Hodder Study Guide un sac de billes • Mind maps for topics covered • Mot à mot vocabulary book • Francaisfacile.com • Franceinfos.fr for listening 	

Revision Tips

- Do some French **EVERY DAY**. It is better to do about an hour a day, rather than doing nothing for several days and then trying to spend all day on it.
- Remember to use complex structures for the oral and essays. Find phrases which you will ensure you use in every essay.
- Follow the news in France.
- **Listen** to some French every day
- **Read** some French every day using franceinfos.fr or slate.fr
- Revise your **grammar** (especially verb tenses) Look back over the grammar notes in your folder and exercises you have done. If you prefer the interactive grammar exercises, use francaisfacile.com
- Revise key topic **vocabulary in the AQA textbook and/or vocabulary lists.**
- Basically, little and **OFTEN** is the key to success in a foreign language

German

Type of Assessment	The mock will consist of: Paper 1 Listening, reading and translation into English Paper 2 Writing (x2) and translation into German Oral Exam. Two stimulus cards (date TBC)
Duration	Paper 1 (2 hours) Paper 2 (2 hours and 40 minutes) Oral Exam: (13-14 minutes + preparation time)
Title	A Level German
Topics to Revise	<ul style="list-style-type: none"> • Environmental issues • Education • The world of work • Music • Media • Festivals and Traditions • Society in the DDR before Reunification • Events leading up to Reunification • Das Leben der Anderen • Andorra
Where to go for help	Email: Pigott-j@nonsuchschool.org / bond-n@nonsuchschool.org Please ensure that you approach your teachers whenever you need assistance. We are keen to help!

What to revise if I had:

10 minutes	Revise some vocabulary from a particular topic area (use the textbook, as well as vocabulary lists / Quizlet links (on the CSA) / revise one key verb in lots of tenses / revise irregular verbs in a particular tense / revise factual knowledge from one of the key information topic summary sheets / read, watch or listen to the German news headlines and note down some new vocabulary / try to summarise it in your own words.
20 minutes	Revise some essay structures from the essay guide / watch an extract of Das Leben der Anderen / do a mind-map of key quotes for different themes of the film or play / look at some previous writing and check you understand any “Next Steps” given by your teacher / use language gym or a similar website for grammar and vocabulary practice / read some articles in the news on topics in the A Level specification. Make some notes on the headlines and on key vocabulary.
50 minutes	Write a summary essay of key points you remember for each topic / Do a listening or reading comprehension exercise from the CSA / divide your revision into some vocabulary, grammar and another activity. At the end go back to the vocabulary and test yourself on anything you didn’t get right first time.

Revision Resources	<ul style="list-style-type: none"> • Edexcel A Level German Textbook • Edexcel A Level German Listening practice materials (in CSA) • Practice papers for A level Edexcel German (in CSA) • Exam Practice and revision (in CSA) • Edexcel A-level vocabulary lists (in CSA) • www.uk.language-gym.com (Class code TAKBD) • Apps and websites: tagesschau / der Spiegel / euronews /
---------------------------	---

Revision Tips

- Do some German **EVERY DAY**. It is better to do about an hour a day, rather than doing nothing for several days and then trying to spend all day on it
- Remember to use the “complex structures” lists for the oral and essays. Find phrases which you will ensure you use in every essay
- Follow the news in German-speaking countries
- **Listen** to some German every day – you can listen to the radio or the news, for example
- **Read** some German every day – Tagesschau is good for news in general
- Revise your **grammar** (especially verb tenses) Look back over the grammar notes in your folder and exercises you have done. If you prefer the interactive grammar exercises, use language gym
- Revise key topic **vocabulary in the AQA textbook**. This is essential for the listening, reading AND writing elements of the exam.
- Follow a famous German-speaker on *Twitter / Instagram etc*
- Basically, little and **OFTEN** is the key to success in a foreign language

Geography

Type of Assessment	2 A Levels Papers	
Duration	Geography Physical- 2hr 30m Geography Human - 2hr 30m	
Title	A Level Geography Physical A Level Geography Human	
Topics to Revise	Physical: Water and Carbon Cycle Coasts Hazards	Human Global Systems and Global Governance Changing Places Contemporary Urban Environments
Where to go for help	Email: Osborne-s@nonsuchschool.org or Stewart-a@nonsuchschool.org	

What to revise if I had:

10 minutes

- For AO3 questions: 6 things you notice: Using the textbook to find figures/maps/sources
- 10-minute essay plan- creating bullet points for each side of the argument in a 20 marker

20 minutes

- Case study on a card: Condense your case studies onto one flash card with ten essential facts on.
- Practise a chain of reasoning to develop your paragraphs for 9 mark and 20 mark questions:
- Start with an initial point,
- Support with evidence- case study facts or details.
- Then develop this initial point/evidence using phrases like “This means that” or “This shows that” or “This happens because”.
- Continue to develop this further with a second “This means that” point.
- Finish with “This results in” and a final link back to the question.

50 minutes

- Key terms list: Make a list of the key terms and definitions for each topic. Stick it on your wall. A list of subject-specific vocabulary written by AQA is here: <https://www.aqa.org.uk/resources/geography/as-and-a-level/geography/teach/subject-specific-vocabulary>
- Get comfortable with your command words. A list of subject-specific command words written by AQA is here: <https://www.aqa.org.uk/resources/geography/as-and-a-level/geography/teach/command-words>

Revision Resources

Tutor2U Study and Subject Notes:

<https://www.tutor2u.net/geography/reference/study-notes>

Tutor2U Live Streams: Replays on this page and can filter by subject:

<https://www.tutor2u.net/live/archive>

Tutor2U Revision Questions:

[A-Level Geography Revision Quizzes | Geography | tutor2u](#)

Seneca Learning: sign up for the free version where there are quizzes on topics specific to the AQA specification

<https://app.senecalearning.com/>

Physics and Maths tutor AQA A level geography: Notes and revision including quizzes and flashcards | All topics!

<https://www.physicsandmathstutor.com/geography-revision/a-level-aqa/>

How to videos:

https://www.youtube.com/watch?v=KKr8KQ7hxXs&list=PLpsyqR8u6dLhjQEVUGLoePX2_G9ccO7Fh&index=2

How to write essay questions for A Level Geography (AQA, Edexcel, OCR)

<https://www.youtube.com/watch?v=lfwtipvM0eQ&t=14s>

AQA A-Level Geography: 6 Mark Data Response Questions

<https://www.youtube.com/watch?v=5bffStJAt2o>

How to write an 9 Mark question for AQA A-Level Geography

Revision Tips

- Read questions through carefully and check what the command word is asking you to do- so you only answer what the question is asking you to do.
- Develop your chain of reasoning- THIS MEANS THAT!
- Annotate the question if needed to help you break it down and work out how to answer it. You are allowed to plan questions to help you, for example the 20 markers. Examiners can look at this content sometimes.
- Use geographic terminology wherever possible.

History

Type of Assessment	The mock will consist of two written assessments – The first paper will be on Tudors, the second will be on Germany.	
Duration	The Tudor Paper will last 2hrs 30 mins and the Germany paper will last 1hr.	
Title	OCR	
Topics to Revise	<p>Tudors</p> <p>The Tudor exam will cover everything that you have learnt on the topic so far. This will include:</p>	<p>Germany</p> <p>The Germany paper will consist of everything that you learnt in Y12.</p>

You can find a more detailed list of topics to revise here: [Y13 History Mock Revision Checklist.pptx](#)

Where to go for help	<p>Email: d-burton@nonsuchschool.org z-humphreys@nonsuchschool.org m-dsouza@nonsuchschool.org J-pardey@nonsuchschool.org</p> <p>Come and speak to your teacher at lunch time in the history office.</p>
-----------------------------	---

What to revise if I had:

10 minutes	<ul style="list-style-type: none"> Using the exam checklists decide which topics you are less secure in and should focus your revision on. Go back over key terminology – look, cover, write out a definition.
20 minutes	<ul style="list-style-type: none"> Create a timeline on one of the Tudor monarchs. Create a timeline of events for the Germany course. Create a series of mind maps for the different essay questions that might appear on the exam.
50 minutes	Practice essay writing under timed conditions.
Revision Resources	<ul style="list-style-type: none"> On the shared area we have placed a number of revision resources for you to use. This includes content lists and potential essay questions that might arise. - Use the textbook and your notes, particularly to define key terms and pick up knowledge.

Revision Tips	<ul style="list-style-type: none"> Focus on defining and understanding the core terminology. Plan essay questions. There are only a small number of essay questions that can be asked in each unit. Therefore, you can plan out an answer for each one. Practice writing under timed conditions.
----------------------	---

Latin

Type of Assessment	The mock will consist of 2 written papers.	
Duration	Mock Latin 1: Language: 1 hour 45 minutes; Mock Latin 2: Prose Literature: 2 hours;	
Title	A Level Latin	
Topics to Revise	<p>Latin 1: Prose Literature</p> <ul style="list-style-type: none"> • <u>Cicero, Murder in Clusium</u>, <ul style="list-style-type: none"> • Short factual / contextual questions • One translation passage • Short style / inferential questions • Long 15-mark style analysis • <u>Tacitus, Annals 4 (incl. English)</u> <ul style="list-style-type: none"> • Latin: <ul style="list-style-type: none"> • Short factual / contextual questions • One translation passage • Short style / inferential questions • Long 15-mark style analysis • ALSO: <ul style="list-style-type: none"> • Latin & English: • 20-mark content/context essay 	<p>Latin 2: Language</p> <ul style="list-style-type: none"> • Prose Vocabulary (Booklet, Quizlet, etc.) • Verse Vocabulary (Booklet, Quizlet, etc.) • Grammar (e.g. Latin Beyond GCSE) • For <u>Unprepared Translation of</u>: <ul style="list-style-type: none"> • Latin Beyond GCSE – relevant chapter 5 sections. • Prose: Livy - Owen • Verse: Ovid - Owen (Elegiacs or Hexameters) <ul style="list-style-type: none"> ○ Using “VSL” strategy
Where to go for help	Email: key-a@nonsuchschool.org ; ross-a@nonsuchschool.org Help club: - (Lessons)	
What to revise if I had:		
10 minutes	Spot translation / pre-judged ‘difficult’ sentence.	Vocab sheet/page (reading); Single grammar construction (reading/saying)
20 minutes	Short questions on a passage	Translate third/half a passage.
50 minutes	Practise 15-mark analysis and self-mark against notes; Plan / write a 20-mark essay	Translate a full passage; check against online sources.
Revision Resources	<ul style="list-style-type: none"> • All texts and commentaries supplied. • Revision documents supplied (CWG!) • Notes made in class. • Marked work. • Teacher – may supply supplementary materials on request. 	<ul style="list-style-type: none"> • Latin Beyond GCSE (Taylor) • Latin Prose Unseens (Owen) • Ovid Unseens (Owen) • Vocabulary Lists (bespoke) • Teacher
Revision Tips	<ul style="list-style-type: none"> • Plan revision target for 50-minute periods and stick to that plan. • Practise in-exam timings and strategies. • Plan in genuine downtime / rest and relaxation / eating and drinking. • Record what you’ve done, so that you can see progress. • Try to solve your difficulties from your existing knowledge first, then look stuff up! • Sleep, eat, exercise / go outdoors. 	

Mathematics

Type of Assessment The mock will consist of 2 Papers of Pure Mathematics

Duration Each paper will be of 90 minutes in length

Title A Level Mathematics

- Topics to Revise**
- Algebraic Methods
 - Functions and Graphs
 - Sequences and Series
 - Binomial Expansion
 - Radians
 - Trigonometric Functions and Modelling
 - Differentiation
 - Integration
 - Logarithms
 - Proof (but not proof by contradiction)

All Pure content from year 12 could be examinable and the algebraic techniques and skills are naturally embedded into the content of the questions.

Where to go for help Email: barrett-d@nonsuchschool.org
Help club: Thursday lunchtimes from 12:30-13:00 in Room 216

What to revise if I had:

10 minutes Students should attempt some smaller questions that are 5 marks or below on an A Level maths exam paper. They should try to complete 2 of these in this timeframe as it will improve the pace in which they work through examination.

20 minutes Students should attempt some of the questions from the mixed exercise in each chapter.

50 minutes Students should use a 50-minute revision slot to target an area of weakness in their study. They should use the textbook to consult the theory behind what they are finding difficult and work their way up to accessing the more challenging types of questions that could be asked.

- Revision Resources**
- Physics and Maths Tutor – This has an enormous bank of past paper questions that students should explore when preparing for examinations.
 - Mixed exercises at the end of each chapter of your textbook
 - Review Exercise 1, 2 and 3 in your textbook. Review the topics relevant to your mock revision list.
 - The A-Level Practice booklets are a worthwhile purchase and would provide students with some excellent model type exam questions to work through.
 - SharePoint Mathematics revision materials

Revision Tips	<ul style="list-style-type: none"> • Students need to ensure that they work through a range of questions in a particular topic and not assume that they have mastered a topic by successfully answering one question. There is a much greater range of questions at A Level than GCSE • Students should attempt the Mixed Exercises in the Pearson's textbook and then consult with the Solution bank resources to provide guidance if they are having difficulty on some questions. • Students should focus on the Quality of Written Communication to ensure that the script that they present is clear and follows a logical flow.
----------------------	--

Further Mathematics

Type of Assessment	The mock will consist of1 Paper of Core Pure Mathematics and 1 Further Statistics paper
Duration	Core Pure paper will be of 1 hr 30 minutes in length. Further Statistics will be 1 hour in length
Title	A Level Further Mathematics
Topics to Revise	<p>Pure Content</p> <ul style="list-style-type: none"> • Complex numbers • Argand diagrams • Series • Roots of polynomials • Volumes of revolution • Matrices • Linear transformations • Proof by induction • Vectors <p>Further Statistics</p> <ul style="list-style-type: none"> • Discrete random variables • Poisson distributions • Geometric and negative binomial distributions • Hypothesis testing • Central limit theorem • Chi-squared tests
Where to go for help	Email: barrett-d@nonsuchschool.org Help club: Thursday lunchtimes from 12:30-13:00 in Room 216

What to revise if I had:

10 minutes	Students should attempt some smaller questions that are 5 marks or below on an A Level maths exam paper. They should try to complete 2 of these in this timeframe as it will improve the pace in which they work through examination.
-------------------	---

20 minutes

Students should attempt some of the questions from the mixed exercise in each chapter.

50 minutes

Students should use a 50-minute revision slot to target an area of weakness in their study. They should use the textbook to consult the theory behind what they are finding difficult and work their way up to accessing the more challenging types of questions that could be asked.

Revision Resources

- Physics and Maths Tutor – This has an enormous bank of past paper questions that students should explore when preparing for examinations.
- Mixed exercises at the end of each chapter
- Review exercises within the textbook
- FROG Further Mathematics revision site.

Revision Tips

- Students need to ensure that they work through a range of questions in a particular topic and not assume that they have mastered a topic by successfully answering one question. There is a much greater range of questions at A Level than GCSE
- Students should attempt the Mixed Exercises in the Pearson's textbook and then consult with the Solution bank resources to provide guidance if they are having difficulty on some questions.
- Students should focus on the Quality of Written Communication to ensure that the script that they present is clear and follows a logical flow.

Music

Type of Assessment	The mock will consist of one listening and appraising examination paper and one 2-hour Bach Chorale Exercise (with access to Sibelius/Noteflight and a piano)
Duration	2 Hours 10 minutes listening and appraising 2 Hours 10 Bach Chorale Exercise
Title	Edexcel A Level Music
Topics to Revise	<ul style="list-style-type: none"> • Vaughan Williams, On Wenlock Edge: Nos. 1, 3 and 5 (On Wenlock Edge, Is my team ploughing? and Bredon Hill) • Kate Bush, Hounds of Love: Cloudbusting, And dream of sheep, and Under Ice • Berlioz, Symphonie Fantastique • Danny Elfman, Batman Returns: Birth of a Penguin Parts I and II, Batman vs the Circus, The Rise and Fall from Grace • Kaija Saariaho, Petals for Violoncello and Live Electronics • Stravinsky, Rite of Spring • Bernard Herrmann, Psycho • Anoushka Shankar, Breathing Under Water • J.S. Bach, Cantata, Ein Feste Burg • Schumann, Piano Trio in G Minor Op.17: movement 1 • Melodic Dictation
Where to go for help	Email: patterson-s@nonsuchschool.org
What to revise if I had:	
10 minutes	Revise the key words associated with a set work and identify these in the score using the subject knowledge organisers to assist – or complete a melodic dictation practice question using the files in MS Teams.
20 minutes	Link the key words associated with a set work to a relevant wider listening piece and create salient points linking the pieces of music.
50 minutes	Create a Q5 or Q6 style essay and aim to answer this in the time limit in exam conditions.
Revision Resources	<ul style="list-style-type: none"> • Teoria.com • PPT for each set work • Wider listening lists, subject knowledge organisers and glossaries
Revision Tips	<ul style="list-style-type: none"> • Read each question three times to understand what is being asked. • Refer to MR D TIGHTS in your answers and always remember the “Point, Example, Evaluation” comparison sentence structure.

Physics

Type of Assessment	The mock will consist of Paper 1 and Paper 2.	
Duration	Paper 1 - 2 hours and 15 minutes (Module 2,3, 5 & 6), Paper 2 - 1 hour 30 minutes (2,3,4,5,6 – all topics)	
Title	A Level Physics	
Topics to Revise	<ul style="list-style-type: none"> • Module 2: Foundations of Physics • Module 3: Forces and Motion • Module 4: Electrons, waves and Photons • Module 5.1: Thermal Physics • Module 5.2: Circular Motion • Module 5.3: SHM • Module 5.4: Gravitational Fields • Module 6.1: Capacitors 	<ul style="list-style-type: none"> • Module 6.2: Electric Fields • Module 6.3: Electromagnetism • Module 6.4: Nuclear and Particle Physics
Where to go for help	Email: nair-r@nonsuchschool.org Help club: Week 1 and Week 2 wednesdays in S2.	
What to revise if I had:		
10 minutes	The definitions related to a particular unit	
20 minutes	A practical based question which includes graphs and percentage uncertainty	
50 minutes	Select a unit. First check the easy mark ppt to make sure you know all retrieval/recall questions from the unit. Then move on to all 6 markers and practical based questions in the unit. Finally move on to other long answer questions in the unit.	
Revision Resources	<ul style="list-style-type: none"> • Checklists on Sharepoint • Support Centre on Sharepoint • Easy marks ppt on Sharepoint • Resource booklets and workpack for past exam questions • Nonsuch world of Physics youtube channel for recorded lessons. • OCR website for past papers • Physics and Maths tutor website 	
Revision Tips	<ul style="list-style-type: none"> • Complete and memorize the easy marks questions for all units • Complete past exam questions and mark them using mark scheme. Make sure to revisit the exam questions after a gap. • Time yourself while practicing the exam questions: 1 mark = 1.3 minutes. 	

Politics

Type of Assessment	The mock will consist of two written exams.	
Duration	Both exams are 2hrs in length	
Title	Edexcel A Level Politics	
Topics to Revise	<p>Paper 1</p> <ul style="list-style-type: none"> • UK Constitution • UK Parliament • UK Prime Minister and Cabinet • UK Supreme Court and Judiciary • Relations with the EU • Feminism <p>The paper will contain 2 source based question of which you should answer 1, 2 essay questions of which you should answer 1 and 2 feminism questions of which you should answer 1.</p>	<p>Paper 2</p> <ul style="list-style-type: none"> • US Constitution • US Political Parties • US Congress • US Pressure Groups • Comparison Qs <p>The paper will contain 2 comparison Qs and 3 US essays of which you should select two.</p>

Where to go for help Email: d-burton@nonsuchschool.org
 Help club: Thursday and Friday Lunch Times

What to revise if I had:

10 minutes	<ul style="list-style-type: none"> • Read over the feedback from your Y12 mock exam and on other essays completed since the start of Y12. • Take an essay question and produce a quick mind map from memory answering it. • Using your revision checklist to highlight the topics you feel less confident on.
20 minutes	<ul style="list-style-type: none"> • Complete 1 video from Pre-Chewed Politics (prioritise the units you feel less secure on) • Make notes on one section of the course using your workbook and textbook. • Practice analysing a source – picking out the arguments for and against the statement and matching them up.
50 minutes	<ul style="list-style-type: none"> • Practice writing an essay question under timed conditions
Revision Resources	<ul style="list-style-type: none"> • Use the booklets that you were given in Y12 and Y13 • Use pre chewed politics • There is a wealth of resources including revision checklists, a list of potential essay questions and workbooks that you can access on the shared drive

Revision Tips

- Focus on defining and understanding the core terminology.
- Plan essay questions. There are only a small number of essay questions that can be asked in each unit. Therefore, you can plan out an answer for each one.
- Practice writing under timed conditions.

Psychology

Type of Assessment The mock will consist of 2 exam papers

Duration 2 hours for each paper

Title A Level Psychology

Topics to Revise

<p>Paper 1</p> <ul style="list-style-type: none"> • Memory (24 marks) • Attachment (24 marks) • Approaches (24 marks) • Biopsychology (24 marks) 	<p>Paper 2</p> <ul style="list-style-type: none"> • Aggression (24 marks) • Eating behaviour (24 marks) • Research methods (48 marks)
---	---

There may also be research methods questions in both Paper 1 and Paper 2 outside the specific Research methods section, i.e., included in other sections

Where to go for help Email: whelehan-c@nonsuchschool.org
Help club: Thursday lunchtime room 352

What to revise if I had:

10 minutes 5 definitions or specialist terms from any topic

20 minutes Plan an answer to the 16-mark question I am most afraid of

50 minutes Revise and practise writing (without notes) a well elaborated comparison point for each of the 5 approaches. Each point should be 60-70 words.

Revision Resources

- Topic booklets for each topic
- Online textbooks

Revision Tips

- Test yourself frequently
- Learn the specialist terminology
- Spend more time on AO3 revision than on AO1 revision

Religious Studies

Type of Assessment	The mock will consist of 2 exams, each one 2 hours long Each exam will have all 3 strands: Philosophy, Ethics and Christian Thought. You will get a choice between four questions (writing 3 essays total per paper)
Duration	2 x 2 hours
Title	A Level.... Religious Studies
Topics to Revise	<p>I have included some “red herring” topics – <u>not every topic listed will appear on the paper but only those mentioned could.</u></p> <p>Paper 1</p> <ul style="list-style-type: none"> • Religious Language (both) • Ancient Greek philosophy • Gender and Society / Theology • Religious experience • Kant/Deontology • Situation ethics • Christian moral action <p>Paper 2</p> <ul style="list-style-type: none"> • Soul, Mind and Body • Ontological Argument • Religious Experience • Euthanasia • Utilitarianism • Meta-Ethics • Augustine • Death and the Afterlife
Where to go for help	<p>Email: Gallagher-a@nonsuchschol.org</p> <p>Help club: Drop in after school on Thursdays (by prior arrangement – let teacher know you are planning to come in advance)</p>
What to revise if I had:	
10 minutes	
Review Key words	From your topics, pick a topic and formulate your own essay title and thesis for it
20 minutes	Create an essay plan – decide title, thesis and top 3 points and counterpoints, which scholars are key in this debate?
50 minutes	Complete a timed essay (40 mins) and have a go at marking it yourself using the OCR mark scheme
Revision Resources	<ul style="list-style-type: none"> • https://www.philosophycat.org/ • https://philosophydungeon.weebly.com/

- <https://thepanpsycast.com/> (Podcast)
- <https://www.ocr.org.uk/qualifications/as-and-a-level/religious-studies-h173-h573-from-2016/> (A level specification and past papers)
- Your textbook and notes!

Revision Tips

- Practice actually writing essays or at least sections of essays
- **Don't** just read your notes over and over!
- Make sure you know key words from all topics
- Time yourself when practicing essays – stop at 40 mins and continue in another colour so you can see how much quicker you need to get
- Use the OCR specification on the website to act as a checklist for yourself

Spanish

Type of Assessment	The mock will consist of: Paper 1 Listening, reading and translation into English Paper 2 Writing (x2) and translation into Spanish Oral Exam. Two stimulus cards (to be taken during week commencing January 22 nd)	
Duration	Paper 1 (2 hours) Paper 2 (2 hours and 40 minutes) Oral Exam: (13-14 minutes + preparation time)	
Title	A Level Spanish	
Topics to Revise	<ul style="list-style-type: none"> • Changes in family structure • The world of work • Festivals and traditions • Music • Media • The impact of tourism in Spain • The Second Republic and the causes of the Civil War • The events of the Spanish Civil War • The positive impact of immigration on Spanish society • The challenges of immigration and integration in Spain • Volver • La Casa de Bernarda Alba 	
Where to go for help	Email: johnson-p@nonsuchschool.org / figueras-y@nonsuchschool.org Please ensure that you approach your teachers whenever you need assistance. We are keen to help!	
What to revise if I had:		
10 minutes	Revise some vocabulary from a particular topic area (use the textbook or palabra por palabra) / revise one key verb in lots of tenses / revise irregular verbs in a particular tense / revise factual knowledge from one of the key information topic summary sheets / read, watch or listen to the Spanish news headlines and note down some new vocabulary	
20 minutes	revise some complex structures from the sheet provided / look over the how to write an essay guide / re-read an act of La Casa de Bernarda Alba / watch an extract of Volver / do a mind-map of key quotes for different themes of the play or film / look at some previous writing and check you understand any “ebis” given by your teacher / use language gym or a similar website for grammar and vocabulary practice /read some articles in the news on topics in the A Level specification. Make some notes on the headlines and on key vocabulary	
50 minutes	Write a summary essay of key points you remember for each topic / Do a listening or reading comprehension exercise from the CSA / divide your revision into some vocabulary, grammar and another activity. At the end go back to the vocabulary and test yourself on anything you didn’t get right first time	
Revision Resources	<ul style="list-style-type: none"> • Edexcel A Level Spanish Textbook • Edexcel A Level Spanish Reading exam practice materials (in CSA) • Edexcel A Level Spanish Listening exam practice materials (in CSA) • Hodder Study Guide La Casa de Bernarda Alba 	

- Hodder Study Guide Volver
- A Level Spanish
- A Level Spanish Speaking and Writing Complex Structures sheets
- Topic summary documents provided for each unit covered
- Palabra por palabra vocabulary book
- www.uk.language-gym.com (Class code CWGBK)
- Apps and websites : rtve noticias / cadena ser / bbcmundo / rtve a la carta / 20minutos.es /www.spaleon.com / <http://www.studyspanish.com/tutorial.htm>

Revision Tips

- Do some Spanish **EVERY DAY**. It is better to do about an hour a day, rather than doing nothing for several days and then trying to spend all day on it.
- Remember to use the “complex structures” lists for the oral and essays. Find phrases which you will ensure you use in every essay
- Follow the news in Spain
- **Listen** to some Spanish every day – you can do the listening exercises in the AQA independent study packs, for example
- **Read** some Spanish every day – www.20minutos.es and www.elgancho.es are good sites for general reading.
- Revise your **grammar** (especially verb tenses) Look back over the grammar notes in your folder and exercises you have done. If you prefer the interactive grammar exercises, use language gym or spaleon
- <http://www.studyspanish.com/tutorial.htm> has good explanations and then exercises online for you, too
- Revise key topic **vocabulary in the AQA textbook and/or palabra por palabra**. This is essential for the listening, reading AND writing elements of the exam.
- Follow a famous Spanish-speaker on *Twitter / Instagram etc*
- Basically, little and **OFTEN** is the key to success in a foreign language