



WELLSWAY  
SCHOOL

# Revision Guide for Year 11 Students

Some materials to help you succeed

## Contents

Subject	Page
Introduction	3
Why do we revise?	4
Resources	5
Mathematics	6 - 7
English Language	8 - 10
English Literature	11 - 14
Science (Combined)	15 - 16
Science (Separate)	17 - 18
Media	19 - 20
Computer Science	21 - 22
Business	23
Modern Foreign Languages	24
Geography	25 - 26
History	27
Religious Studies	
Fine Art	28
Three Dimensional Art	29
Food Preparation and Nutrition	30
Product Design and Textiles	31 - 32
Drama	33
Dance	34
Physical Education	35
Music	36
GCSE Pod	37 - 38

## KS4 Success – Critical Factors

1. Attendance is vital
2. Know your targets and how to achieve them – where are YOUR areas of strength and weakness?
3. Attend additional study sessions

2

4. Organise your work – identify and fill any missing gaps before Easter
5. Know the exam requirements and practise using past papers
6. Plan your revision carefully and pace yourself
7. Ask your parents/carers for help to revise

## Introduction

Dear Year 11 Student,

This guide has been produced to provide some assistance with your examinations this year. You have worked hard for 11 years of school and it is now time to ensure that you are rewarded for your investment in your education. We want you to be able to compete with every other school leaver in the country. It is now up to you, working with your teachers, to put a plan into place that will give you maximum success. You will have already gained many revision skills over the years and you should continue to use these if they have been successful in the past. However, be open minded to change and try out new strategies as they may be more effective. This booklet offers a few more tips to help you. They are not to be used in isolation, but should be used alongside all the other information you will receive such as:

- Subject specific information given to you by your subject teachers as the exams approach and when you are in full revision mode in lessons. Listen carefully to this!
- Revision skills outlined in supporting for success assemblies.
- Exam entry statement issued to you, to identify a detailed revision plan. Make sure these crucially important dates are entered onto calendars around the house.

## 13 tips for revising

1. Make a timetable for revising – not just subjects, but topics/ units/ specific areas for each subject.
2. Know the topics you are going to revise and the types of questions you'll get in the exams.
3. Be ACTIVE – don't just read your notes – this is not the most effective revision method or the best use of your time.
4. Mix up or 'interleave' your revision sessions, to cover a range of subjects.
5. Revisit topics you have already revised, to keep this knowledge fresh in your mind.
6. Use quality and detailed notes and refine them further, if possible, into lists or diagrams and transfer them on to index or postcards.
7. Practise jotting down answers and making plans for longer answers before comparing to notes and revision guides.
8. Practise writing against the clock (within the allocated time) using past exam papers.
9. Check that you have really answered the question and have not strayed off the point.
10. Familiarise yourself with past papers (question types, mark allocation).
11. Use practice materials on GCSE websites.
12. Have regular breaks and keep well hydrated.
13. Keep in touch with other students - it's a good idea to form study groups as you can use these to clarify points you don't understand.

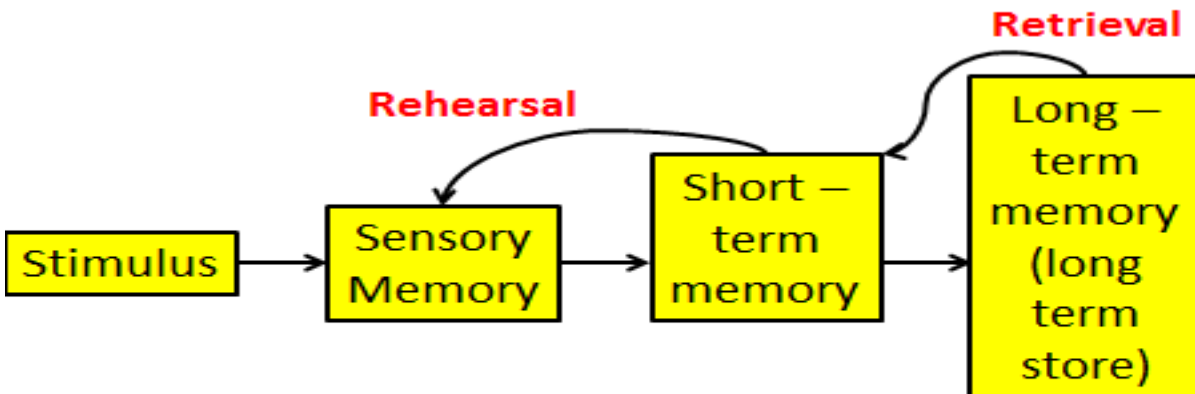
## Revision strategies that work

There is a strong scientific consensus that regular practice testing and short sessions that revisit material have the greatest impact so: make sure you test yourself regularly using the kinds of questions you are going to be asked in the exam.

Spread out revision.

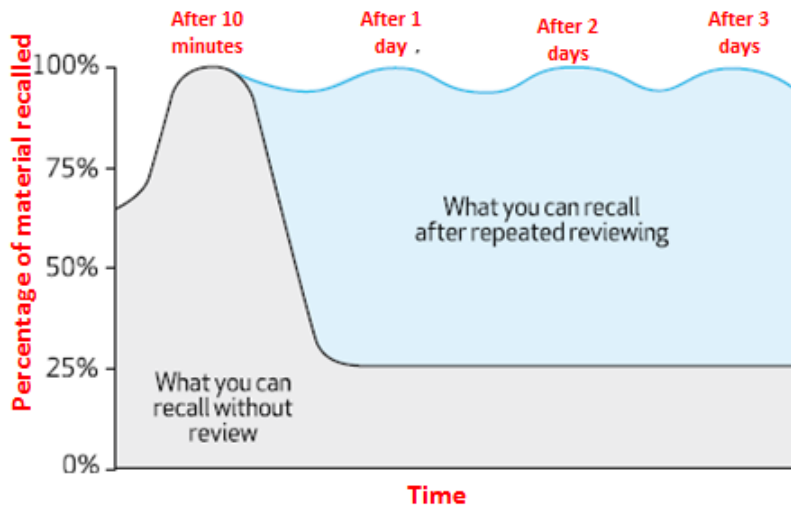
Revisit topics several times.

# Why do we revise?



**The aim of effective learning is to ensure that new material progresses from short – term memory to long – term memory. Once there, effective revision keeps retrieving previously learned material and bringing back into short – term memory, so that this material can be used to respond to questions.**

## Memory performance over time



Revisiting material you have learned several times in the days before an examination means you will remember far more than if you rely on a single burst of revision the night before the examination.

## Does music help you to learn?

A study by Perham and Vizard (2010) shows music did **not** improve learning and the material being revised will be recalled in the silence of the examination room. It therefore makes sense for the material to be learned under the same conditions, so that the conditions of recall replicate the learning conditions.

Therefore, minimise distractions when revising. Put the phone away, turn the TV/music/radio off, so that the conditions in which you learn the material are as similar as possible to the conditions in which you will recall the material, in the examination. Turn notifications on electronic devices off so you are not distracted or tempted away from your revision.

## What materials and resources do you already have to help?

**Personal Learning Checklists (PLCs):** each subject will have issued you with PLCs for the subject and units/ topics within the subject. Use these to prioritise areas to revise and which question types to practise. Where you have an area that you feel less confident on, check with your teacher that your class notes are complete and what extra materials there may be for you to revise from/ use to help practice.

**Knowledge Organisers:** Some subjects will provide you with Knowledge Organisers – be careful not to just read these – use them actively. For example, use them to green pen improve practice answers and plans to questions or to check your vocabulary and spellings of key words.

**Model Answers:** If there's a question type you're really struggling with, go back through your notes to see if you have model answers – if not, speak to your teacher to see if there are some you can use or cover in class.

**Online sites:** The school has invested in various online revision resources for you – use them!

GCSE Pod – <https://GCSEPod/login> please see the flyer at the back of this pack that provides an overview of how to access and use GCSEPod. Complete the tests and activities linked to your specific areas for development, as identified by PLCs.

Seneca - <https://app.senecalearning.com> This is a great (and free!) online resource for you to use – just search by GCSE, exam board and subject to find loads of videos and end of topic tests.

BBC Bitesize - <https://www.bbc.co.uk/bitesize/GCSE> Another site where you can filter by exam board and find useful summaries and videos which you can use to add to your revision notes and resources.

What’s being covered in the Year 11 Internal Exams?

Exam/ paper	Length/ timings	Units/ main topics covered
Paper 1 1MA1/1F or 1H	1hour 30 mins 80 Marks Non-Calculator	Number Algebra Ratio, proportion and rates of change Geometry and measures Probability Statistics
Paper 2 1MA1/2F or 2H	1hour 30 mins 80 Marks Calculator allowed	
Paper 3 1MA1/3F or 3H	1hour 30 mins 80 Marks Calculator allowed	

What else will be in the summer GCSE exams?

The exam is split into three distinct types of question:

**A01 - Use and apply standard techniques (40 – 50%)**

- accurately recall facts, terminology and definitions
- use and interpret notation correctly
- accurately carry out routine procedures or set tasks requiring multi-step solutions.

**A02 - Reason, interpret and communicate mathematically (25 – 30%)**

- make deductions, inferences and draw conclusions from mathematical information
- construct chains of reasoning to achieve a given result
- interpret and communicate information accurately
- present arguments and proofs
- assess the validity of an argument and critically evaluate a given way of presenting information.

**A03 - Solve problems within mathematics and in other contexts (25 – 30%)**

- translate problems in mathematical or nonmathematical contexts into a process or a series of mathematical processes
- make and use connections between different parts of mathematics
- interpret results in the context of the given problem
- evaluate methods used and results obtained
- evaluate solutions to identify how they may have been affected by assumptions made.

## What can students do to revise? Subject specific advice and tips.

### Get Organised

- Make sure you know whether you are taking a Higher or Foundation paper.
- Use your PLC list to focus on your specific areas for improvement.
- Have your passwords ready for Mathswatch and MyMaths
- Get all the revision materials together: exercise books, text books, revision guides, web addresses, past papers and equipment (you will need a calculator, black pen, pencil, ruler rubber, protractor, pair of compasses).
- Make a list of the formulas you will be given on the paper and the formulas you need to learn.
- Listen carefully to the common mistakes your teacher tells you about in each topic.

### Questions Practice

- Past papers are the best source of revision materials. You can do the same paper more than once and use mymaths, mathswatch or books when you can't do a question. Very rarely should you give up!
- Questions and videos linked to your PLC from the WMAT Maths website should be completed to improve your scores on specific topics. Be strategic about which topics you select and tick them off on your PLC as you revise them.
- When you have completed any revision, make a note of which topics you got wrong and update your PLC
- Show all of your working out clearly when doing questions – then it will be easier to repeat this in the exam.
- Learn the rules and formula that you need to remember. Put them on cards or post-it notes around your room.

### Using your calculator

- Practise using your calculator that you will use in the exam (not your friend's!)
- Make sure you know what to do if the answer to a calculation comes up as a fraction.
- For trigonometry questions, make sure there is a D in the screen at the top.
- Write down the calculations you put into your calculator so that you get your working out marks.
- Know how to do fractions, standard form and powers on your calculator.

## Useful links and resources available (including PLCs)

<https://maths.sbllearning.org.uk/>

<https://vle.mathswatch.co.uk/vle/>

<https://mathsapp.pixl.org.uk/>

[www.mymaths.co.uk](http://www.mymaths.co.uk)

[www.bbc.co.uk/schools/gcsebitesize/maths](http://www.bbc.co.uk/schools/gcsebitesize/maths)

<https://corbettmaths.com/contents/>

<http://mrbartonmaths.com/topics/>

<https://mathsmadeeasy.co.uk/gcse-maths-revision/>

What is covered in each of the summer exams?

Exam/ paper	Length/ timings	Units/ main topics covered
English Language Paper 1	1 hr 45	Section A Reading a Literary extract from 20 <sup>th</sup> /21 <sup>st</sup> century and answering 4 questions Section B Writing to describe and narrate
English Language Paper 2	1 hr 45	Section A Reading 2 non-fiction texts from the 19 <sup>th</sup> and 20 <sup>th</sup> century Section B Writing to argue and persuade

What else should I be aware of in terms of the content of each exam?

Paper One

Question	Question Focus	Total Marks	Timing	Assessment Objectives
1	You will be asked to list four details from the first paragraph	4	5 mins	AO1
2	You will be asked how a writer uses language to describe something or someone in a given section of the extract. You should comment on the writer's methods, explaining how s/he wants to make the reader Feel, Imagine or Think	8	15 mins	AO2 • Explain, comment on and analyse how writers use language to achieve effects and influence readers, using relevant subject terminology to support their views
3	You will be asked how the writer uses structure to interest the reader. You will focus on the whole source and consider how the writer uses structural devices to explore character, setting, atmosphere and theme.	8	15 mins	AO2 • Explain, comment on and analyse how writers use structure to achieve effects and influence readers, using relevant subject terminology to support their views
4	You will be given a statement about the final part of the given extract and asked to what extent you agree with it. You should plan this answer so that your response starts with an overview summing up how far you agree and then a mini-essay explaining why you feel like this, using quotations to back up your ideas and	20	20 mins	A04 - Evaluate texts critically and support this with appropriate textual references.



	considering the methods the writer has employed to create particular effects.			
5	You will be given a picture and a story prompt and you will write either a description or a short story based on the picture or a short story based on the story prompt. You should plan your writing.	40	50 mins	A05 (24 marks) Content and Organisation A06 (16 marks) Technical Accuracy

## Paper Two

Question	Question Focus	Total Marks	Timing	Assessment Objectives
1	You will be given 7 statements about the first section of one of the sources and you will be asked to identify the statements that are TRUE	4	5 mins	A01 • Identify and interpret explicit and implicit information and ideas.
2	You will be asked to write a summary of the differences in the writers' attitudes or views about a particular topic or theme in the two texts. You will need to look for differences and provide evidence to back up your points, inferring what the writers might be implying or highlighting about the topic. DO NOT ANALYSE LANGUAGE	8	15 mins	A01 • Identify and interpret explicit and implicit information and ideas. • Select and synthesise evidence from different texts.
3 (This is similar to Question 2 on Paper 1)	You will be asked how a writer uses language to describe something or someone in a given section of ONE of the extracts. You should comment on the writer's methods, explaining how s/he wants to make the reader feel, imagine or think	12	20 mins	A02 • Explain, comment on and analyse how writers use language and/or structure to achieve effects and influence readers, using relevant subject terminology to support their views
4	You will be asked to compare the two sources and consider how the two writers convey their different perspectives and feelings about the subject of the sources. You should plan this answer so that your response starts with an overview summing up both writers' views and then explain how they present their ideas, using evidence from the text and considering methods the writer has employed to create particular effects.	16	20 mins	A03 • Compare writers' ideas and perspectives, as well as how these are conveyed, across two or more texts.
5	You will be given a statement that expresses a view about an issue or topic and expected to construct a lively debate, arguing for or against the proposed view. You should plan your writing.	40	45 mins	A05 (24 marks) Content and Organisation A06 (16 marks) Technical Accuracy

## What can students do to revise? Subject specific advice and tips.

- Revise subject terminology. Make prompt cards for each term with a definition and an example for each.
  - Word and sentence types
  - Linguistic features and techniques (alliteration/metaphor/personification etc)
  - Structural features and techniques (cyclical structure / focus shift etc)
- Use the Boost and Secure resources on the student drive:  
M:\English\01 Home Learning  
M:\English\Year 11 Revision and Support
- After the internal examinations, a booklet of revision was published on Insight, use it.
- Read a newspaper article or short story. Write a summary of what you have read. Focus on what the viewpoint or attitude of the writer is.
- Find a news story in two contrasting newspapers (The Telegraph and The Mirror) and compare how the viewpoints are conveyed to the readers.
- Practise writing to persuade and argue. Spend 40 each minutes writing:
  - an article to argue that teenagers' lives are difficult/easy
  - a speech to persuade people to think a certain way or change something about our society
  - a leaflet giving some advice and information on a topic of your choice
- Visit the AQA website. Attempt a specimen paper. Bring your work to your teacher for feedback.

## Useful links and resources available (including PLCs)

- AQA our (exam board) here you will find exam materials to practise with  
[www.aqa.org.uk/subjects/english/gcse/english-language-8700/assessment-resources](http://www.aqa.org.uk/subjects/english/gcse/english-language-8700/assessment-resources)
- YouTube  
[www.youtube.com](http://www.youtube.com)  
Just type in what you want to practise and you will find lots of options available to you.  
You could subscribe to these channels – MrBruff and MissW
- BBC Bitesize GCSE English Language  
[www.bbc.co.uk/education/subjects/zr9d7ty](http://www.bbc.co.uk/education/subjects/zr9d7ty)
- Revision platforms  
<https://www.senecalearning.com>
- Education Quizzes  
[www.educationquizzes.com/gcse/english](http://www.educationquizzes.com/gcse/english)

What is covered in each of the summer exams usually?

Exam/ paper	Length/ timings	Units/ main topics covered
Paper 1: Shakespeare and the 19 <sup>th</sup> Century Novel	1 hr 45	<b>Section A</b> <i>Romeo and Juliet</i> <b>Section B</b> <i>A Christmas Carol</i>
Paper 2: Modern texts and Poetry	2 hr 15	<b>Section A</b> <i>An Inspector Calls</i> <b>Section B</b> <del>Power and Conflict Poetry</del> (see below) Unseen poetry

In June 2022, there has been a change to the Literature Papers so you will no longer be revising the poetry anthology.

Changes to exam structure

Because of the new options, we've updated how the two exam papers will be structured.

Paper 1 (choose any two)	Paper 2 (compulsory)
<div style="background-color: #4a86e8; height: 40px; width: 100%;"></div> <p>Paper 1N 19th-century novel – 1 item 30 marks (AO1, AO2, AO3)</p>	<p>Section A Shakespeare – 1 item 30 marks (AO1, AO2, AO3) + 4 marks (AO4)</p>
<p>Paper 1M Modern prose/drama – 1 item 30 marks (AO1, AO2, AO3)</p>	<p>Section B Part 1: unseen poem essay 24 marks (AO1, AO2) + 4 marks (AO4)</p> <p>Part 2: unseen poetry comparison 8 marks (AO2)</p>

What else should I be aware of in terms of the content of each exam?

Paper One

You will be given an extract of approximately 15 lines from a range of Shakespeare texts and approximately 25 lines from a range of 19<sup>th</sup> century novels. The exam question booklet has lots of questions in it so you will need to find the right question to answer!

We are studying **ROMEO AND JULIET** and **A CHRISTMAS CAROL** so you should only answer the question on these two texts.

Section	Question Focus	Total Marks	Timing	Assessment Objectives
A	You will need to find the question on <i>Romeo and Juliet</i> . You will be given a short extract from the play and you will be expected to write an analysis of extract and then refer to the wider play. You will be asked to analyse how a character, theme or relationship is presented.	34	50 mins	30 marks for A01 (12), A02 (12) and A03 (6) 4 marks for A04  In order to achieve a high mark on this question, you will need to have a very detailed understanding of the plot, characters and themes as well as be able to provide a thorough exploration of the play and the methods used by the writer to create particular effects.
B	You will need to find the question on <i>Christmas Carol</i> . You will be given a short extract from the play and you will be expected to write an analysis of extract and then refer to the wider play. You will be asked to analyse how a character, theme or relationship is presented.	30	50 mins	30 marks for A01 (12), A02 (12) and A03 (6)  In order to achieve a high mark on this question, you will need to have a very detailed understanding of the plot, characters and themes as well as be able to provide a thorough exploration of the play and the methods used by the writer to create particular effects.

## Paper Two

This exam paper has 3 sections: the first section focuses on the modern novel and the other two sections on poetry. The exam question booklet has lots of questions in it so you will need to find the right questions to answer!

We are studying either **An Inspector Calls**, ~~Power and Conflict Poetry~~ and **unseen poetry** so you should only answer the questions on these texts.

Section	Question Focus	Total Marks	Timing	Assessment Objectives
A	You will be given a choice of two questions on the novel or play you have studied ( <i>An Inspector Calls</i> ). Only answer ONE of the questions!  You will be asked to analyse how a character, theme or relationship is presented.	34	45 mins	30 marks for A01 (12), A02 (12) and A03 (6) A04 (4) In order to achieve a high mark on this question, you will need to have a very detailed understanding of the plot, characters, themes and context. You should also

				understand the context of the text and know approximately 15 quotations off by heart that you can use in the exam.
B	<p>One of the 15 poems you have studied from the <i>Power and Conflict</i> section of the anthology will be printed on the exam paper and you will be given a question that asks you to compare how a particular theme or type of love or relationship is presented in the printed poem and one other poem in the collection.</p> <p>Do NOT answer on <i>Love and Relationships</i> – ignore this poem and question!</p>	30	45 mins	<p>30 marks for A01 (12), A02 (12) and A03 (6)</p> <p>In order to achieve a high mark on this question, you will need to have a very detailed understanding of the printed poem and be able to make clear links to one other poem in the collection. You will be expected to analyse the effect of the poetic devices used by the poets in addition to considering the time that the poems were published.</p>
C	<p>There are two questions in this section but both of them relate to poems that you have not seen before.</p> <ol style="list-style-type: none"> <li>For the first question, you will be given a poem of about 20 lines and asked how the topic or subject of the poem is presented.</li> <li>Next, you will be given another a second poem of about 20 lines on a similar topic or subject to the first and asked to compare the similarities and differences between the two poets' attitudes to the topic or subject.</li> </ol>	24	30 mins	<p>24 marks for A01 (12), A02 (12)</p> <p>In order to achieve a high mark, you will need to produce a structured response that demonstrates a sophisticated understanding of the poet's view, supported by a range of quotations and insightful analysis of language and form and structure.</p>
		8	15 mins	8 marks for A02
		TOTAL 32	TOTAL 45 mins	In order to achieve a high mark, you need to compare the poets' use of language, structure and form and their subsequent effects on the reader.

### What can students do to revise? Subject specific advice and tips.

- Read through *A Christmas Carol*, *Romeo and Juliet*, *An Inspector Calls* and the *Power and Conflict* section of the Poetry Anthology again.  
Make notes on plot, characters, and themes. You should make your own knowledge organiser but KO are available on all of the texts on the student drive: M:\English\01 Home Learning  
M:\English\Year 11 Revision and Support  
You will also find Boost and Secure resources on the student drive to support development of skills required to excel in the examinations
- Independence booklets have also been published on Insight and are available in the student drive

- Create revision cards for key characters and themes. State which events in the texts develops each character and theme
- Create cue cards with useful quotations
- Learn context for key texts
- Plan answers for sample questions
- Go through your internal exam papers and attempt your responses again, acting on the feedback that has been given by your teacher
- A range of past questions/papers can be found on the AQA website
- Practise writing responses by making up your own questions using an extract of your choice from Paper One texts. You can do the same for Paper Two ~~using one of the poems from the anthology~~, a question on a theme or character for *An Inspector Calls*. The unseen poetry booklet should be used to practise for Section C of Paper Two

### Useful links and resources available (including PLCs)

There are a range of revision guides available to support your revision in English Literature. You can purchase a guide for each text through the school.

- YouTube, Mr Bruff  
[www.youtube.com/user/mrbruff](http://www.youtube.com/user/mrbruff) (subscribe to this channel)
- BBC Bitesize GCSE English Literature  
[www.bbc.co.uk/education/subjects/zckw2hv](http://www.bbc.co.uk/education/subjects/zckw2hv)
- The Oak Academy  
<https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4/subjects/english>
- Shmoop eg:  
[www.shmoop.com/christmas-carol/](http://www.shmoop.com/christmas-carol/)
- Sparknotes eg:  
[www.sparknotes.com/lit/christmascarol/](http://www.sparknotes.com/lit/christmascarol/)
- The British Library  
<https://www.bl.uk/>
- <https://www.senecalearning.com>

Revision on a Wednesday

This takes place in L04 from 3.05pm.

Each week, we will focus on a different aspect of the exam paper. The details of each session is on the door so students can plan which sessions to attend.

**What is covered in each of the summer exams?**

Exam/ paper	Length/ timings	Units**/ main topics covered
Biology Paper 1	1hr 15min	Unit 1 – cell biology Unit 2 – organisation Unit 3 – infection & response Unit 4 – bioenergetics
Chemistry Paper 1	1hr 15min	Unit 1 – atomic structure & the periodic table Unit 2 – bonding, structure & the properties of matter Unit 3 – quantitative chemistry Unit 4 – chemical changes Unit 5 – energy changes
Physics Paper 1	1hr 15min	Unit 1 – energy Unit 2 – electricity Unit 3 – particle model of matter Unit 4 – atomic structure
Biology Paper 2	1hr 15min	Unit 5 – homeostasis & response Unit 6 – inheritance, variation & evolution Unit 7 – ecology
Chemistry Paper 2	1hr 15min	Unit 6 – the rate & extent of chemical change Unit 7 – organic chemistry Unit 8 – chemical analysis Unit 9 – chemistry of the atmosphere Unit 10 – using resources
Physics Paper 2	1hr 15min	Unit 5 – forces Unit 6 – waves Unit 7 – magnetism & electromagnetism

\*\*all units referenced above match those in the CGP (AQA specific) GCSE revision guide.

**What else should I be aware of in terms of the content of each exam?**

There is no longer coursework to assess practical knowledge and mathematical skills, such as drawing graphs. Instead, exams have a larger proportion of questions which draw on these practical and mathematical skills. Key practical experiments are highlighted in revision guides with the word 'practical' in the top corner. Other good resources for reviewing practicals are the 'required practical review booklets', which are periodically shared with students via insight, and free science lessons on youtube (link below).

**What can students do to revise? Subject specific advice and tips.**



Frequent revision, little and often, is key for securing the knowledge for science. Students should aim to use Tassomai 4-5 times a week. Tassomai uses frequent questions to test knowledge and the questions are personalised to each student based on their previous answers. Alongside this, the revision guide, Bitesize and GCSEpod will all be useful; there are links to these resources below.

It is key for students to check and test their understanding. There are mini quizzes and sample assessment questions on Bitesize and GCSEpod to do this. Alongside this, past paper questions are key to improving exam technique. As this is a new course current past papers are limited, but there is a link to old specification papers below. All new specification papers will be given to students throughout the course.

### Useful links and resources available (including PLCs)

PLCs have been generated from the end of year 10 and November internal exams and these have been stuck in to the front of Year 11 exercise books. A further PLC will be generated after the March internal exams.

The PLCs direct students to 'do now' tasks (as shown below). An electronic version has been shared on insight so the students can access the hyperlinks. The students should tick off their 'red and ambers' as they revise them.

				<b>Separate Biology</b> <b>Personal Learning Checklist</b>			
Student				<< For working hyperlinks please use the electronic version on INSIGHT	Paper 1 - Foundation	Paper 1 - Higher	
Point	Rev. Guide	GCSEpod Link	Bitesize Link				
<b>Unit 1 - Cells &amp; Transport</b>							
1.1	16-17	<a href="#">Link</a>	<a href="#">Link</a>	Draw and label animal and plant (eukaryotic) cells, and describe the functions of the structures (organelles)			
1.2	17	<a href="#">Link</a>	<a href="#">Link</a>	Draw and label the features of a bacterial (prokaryotic) cell			
1.3	18-20	<a href="#">Link</a>	<a href="#">Link</a>	Required practical 1: use a light microscope to observe, draw and label a selection of plant and animal cells			
1.4	18		<a href="#">Link</a>	Use the formula: magnification = size of image/ size of real object			
1.5	18	<a href="#">Link</a>	<a href="#">Link</a>	Microscopes: define the terms magnification and resolution, and compare electron and light microscopes in terms of their magnification and resolution			
1.6	22-23	<a href="#">Link</a>	<a href="#">Link</a>	Describe what a specialised cell is, including named examples for plants and animals			
1.7	28		<a href="#">Link</a>	Separate Bio. only: describe how bacteria reproduce and the conditions required			
1.8	30-33		<a href="#">Link*</a>	Separate Bio. only: describe how to prepare an uncontaminated culture using aseptic technique			
1.9	30-33		<a href="#">Link</a>	Separate Bio. only: required practical 2: investigate the effect of antiseptics/ antibiotics on bacterial growth using agar plates and measuring zones of inhibition			
1.10	26-27	<a href="#">Link</a>	<a href="#">Link</a>	Describe the processes that happen during the cell cycle, including mitosis			

**Tassomai** - this resource will be most useful if used frequently (4-5 times a week). The questions are personalised to each student as to support areas that they find more challenging. Link - <https://www.tassomai.com/>

**GCSEpod** - <https://www.gcsepod.com/>

**BBC bitesize:** Biology - <https://www.bbc.com/bitesize/topics/zthssrd>  
 Chemistry - <https://www.bbc.com/bitesize/topics/z88jity>  
 Physics - <https://www.bbc.com/bitesize/topics/zqw77p3>

**Free science lessons** - [https://www.youtube.com/channel/UCqbOeHaAUXw9Il7sBVG3\\_bw](https://www.youtube.com/channel/UCqbOeHaAUXw9Il7sBVG3_bw)

**Past papers:** <https://revisionscience.com/gcse-revision/science/science-gcse-past-papers/aqa-gcse-science-past-papers>

**Insight** - on insight the subject and paper specific resources listed below will be periodically shared:

1. PiXL knowledge PowerPoints - essentially this is a revision guide in PowerPoint format with mini quizzes throughout.



- Required practical review booklets - booklets that allow students to review the required practical activities and test and mark their understanding through exam style questions.
- PiXL independence booklets – booklets that support students to revise key topics at a greater depth.

## Year 11 Revision Support Materials

### Curriculum Team: Science – Separate Science

#### What is covered in each of the summer exams?

Exam/ paper	Length/ timings	Units**/ main topics covered
Biology Paper 1	1hr 45min	Unit 1 – cell biology Unit 2 – organisation Unit 3 – infection & response Unit 4 – bioenergetics
Chemistry Paper 1	1hr 45min	Unit 1 – atomic structure & the periodic table Unit 2 – bonding, structure & the properties of matter Unit 3 – quantitative chemistry Unit 4 – chemical changes Unit 5 – energy changes
Physics Paper 1	1hr 45min	Unit 1 – energy Unit 2 – electricity Unit 3 – particle model of matter Unit 4 – atomic structure
Biology Paper 2	1hr 45min	Unit 5 – homeostasis & response Unit 6 – inheritance, variation & evolution Unit 7 – ecology
Chemistry Paper 2	1hr 45min	Unit 6 – the rate & extent of chemical change Unit 7 – organic chemistry Unit 8 – chemical analysis Unit 9 – chemistry of the atmosphere Unit 10 – using resources
Physics Paper 2	1hr 45min	Unit 5 – forces Unit 6 – waves Unit 7 – magnetism & electromagnetism Unit 8 – space physics

\*\*all units referenced above match those in the CGP (AQA specific) GCSE revision guide.

#### What else should I be aware of in terms of the content of each exam?

There is no longer coursework to assess practical knowledge and mathematical skills, such as drawing graphs. Instead, exams have a larger proportion of questions which draw on these practical and mathematical skills. Key practical experiments are highlighted in revision guides with the word 'practical' in the top corner. Other good resources for reviewing practicals are the 'required practical review booklets', which are periodically shared with students via insight, and free science lessons on youtube (link below).

## What can students do to revise? Subject specific advice and tips.



Frequent revision, little and often, is key for securing the knowledge for science. Students should aim to use Tassomai 4-5 times a week. Tassomai uses frequent questions to test knowledge and the questions are personalised to each student based on their previous answers. Alongside this, the revision guide, Bitesize and GCSEpod will all be useful; there are links to these resources below.

It is key for students to check and test their understanding. There are mini quizzes and sample assessment questions on Bitesize and GCSEpod to do this. Alongside this, past paper questions are key to improving exam technique. As this is a new course current past papers are limited, but there is a link to old specification papers below. All new specification papers will be given to students throughout the course.

## Useful links and resources available (including PLCs)

PLCs have been generated from the end of year 10 and November internal exams and these have been stuck in to the front of Year 11 exercise books. A further PLC will be generated after the March internal exams.

The PLCs direct students to 'do now' tasks (as shown below). An electronic version has been shared on insight so the students can access the hyperlinks. The students should tick off their 'red and ambers' as they revise them.

				<b>Separate Biology</b> <b>Personal Learning Checklist</b>			
Student				<< For working hyperlinks please use the electronic version on INSIGHT		Paper 1 - Foundation	Paper 1 - Higher
Point	Rev. Guide	GCSEpod Link	Bitesize Link				
<b>Unit 1 - Cells &amp; Transport</b>							
1.1	16-17	<a href="#">Link</a>	<a href="#">Link</a>	Draw and label animal and plant (eukaryotic) cells, and describe the functions of the structures (organelles)			
1.2	17	<a href="#">Link</a>	<a href="#">Link</a>	Draw and label the features of a bacterial (prokaryotic) cell			
1.3	18-20	<a href="#">Link</a>	<a href="#">Link</a>	Required practical 1: use a light microscope to observe, draw and label a selection of plant and animal cells			
1.4	18		<a href="#">Link</a>	Use the formula: magnification = size of image/ size of real object			
1.5	18	<a href="#">Link</a>	<a href="#">Link</a>	Microscopes: define the terms magnification and resolution, and compare electron and light microscopes in terms of their magnification and resolution			
1.6	22-23	<a href="#">Link</a>	<a href="#">Link</a>	Describe what a specialised cell is, including named examples for plants and animals			
1.7	28		<a href="#">Link</a>	Separate Bio. only: describe how bacteria reproduce and the conditions required			
1.8	30-33		<a href="#">Link*</a>	Separate Bio. only: describe how to prepare an uncontaminated culture using aseptic technique			
1.9	30-33		<a href="#">Link</a>	Separate Bio. only: required practical 2: investigate the effect of antiseptics/ antibiotics on bacterial growth using agar plates and measuring zones of inhibition			
1.10	26-27	<a href="#">Link</a>	<a href="#">Link</a>	Describe the processes that happen during the cell cycle, including mitosis			

**Tassomai** - this resource will be most useful if used frequently (4-5 times a week). The questions are personalised to each student as to support areas that they find more challenging. Link - <https://www.tassomai.com/>

**GCSEpod** - <https://www.gcsepod.com/>

**BBC bitesize:** Biology - <https://www.bbc.com/bitesize/examspecs/zpgcbk7>  
 Chemistry - <https://www.bbc.com/bitesize/examspecs/z8xtmnb>  
 Physics - <https://www.bbc.com/bitesize/examspecs/zsc9rdm>

**Free science lessons** - [https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3\\_bw](https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw)

**Past papers:** Biology - <https://revisionscience.com/gcse-revision/biology/biology-gcse-past-papers/aqa-gcse-biology-past-papers>

Chemistry - <https://revisionscience.com/gcse-revision/chemistry/chemistry-gcse-past-papers/aqa-gcse-chemistry-past-papers>

Physics - <https://revisionscience.com/gcse-revision/physics/physics-gcse-past-papers/aqa-gcse-physics-past-papers>

Combined science (additional revision) - <https://revisionscience.com/gcse-revision/science/science-gcse-past-papers/aqa-gcse-science-past-papers>

**Insight** - on insight the subject and paper specific resources listed below will be periodically shared:

1. PiXL knowledge PowerPoints - essentially this is a revision guide in PowerPoint format with mini quizzes throughout.
2. Required practical review booklets - booklets that allow students to review the required practical activities and test and mark their understanding through exam style questions.
3. PiXL independence booklets – booklets that support students to revise key topics at a greater depth.

**What is covered in each of the summer exams?**

**Paper One**

**Section A**

Media Language  
Representations

This Girl Can advert, Quality Street advert, The Man with the Golden Gun Poster, Spectre Poster, Pride Magazine, GQ Magazine, The Guardian, The Sun

**Section B**

Media Industry

Audience

Spectre (website and industry)

Website

The Sun (website and industry)

One complete edition of teacher choice and website; The Archers (industry), Pokémon (industry)

**Paper Two**

**Section A**

The IT Crowd: Season 4 Episode 2

Friends (historical product) an extract from season 1 Episode 1

**Section B**

Katy Perry – Roar video

Pharrell Williams – Freedom video

Michael Jackson – Black or White (Context only)

Katy Perry and Pharrell Williams websites

**What else should I be aware of in terms of the content of the exam**

**Paper 1 & 2:**

- Media language. How meaning is created through aspects of costume codes, colour codes, gesture codes etc
- Social context. What was happening at the time the products were produced, how to the products reflect this?
- Representation. How specific groups are represented by the texts we study (Consider Laura Mulvey's Male gaze theory)
- Media Industry. Aspects of ownership, funding and regulation of specific media products.
- Audience. Who are the target audience of specific media products. How are they targeted, why do they access and use these products (consider Uses and Gratifications theory)

**What can students do to revise? Subject specific advice and tips.**

Look back over exercise books and revise notes on media theories.

Watch a range of Television news programmes and explore different news websites, making notes on language, representation and audience.

## Useful links and resources available (including PLCs)

### **BBC Bitesize – Media Studies**

<https://www.bbc.com/bitesize/subjects/ztnygk7>

### **Exam Board Website (specimen Assessment materials)**

<https://www.eduqas.co.uk/qualifications/media-studies/gcse/>

What’s being covered in the Year 11 Internal Exam?

Component	Marks	Duration	Topics being covered
Paper 1 – Computer Systems	80	1 hour 30 mins exam	<ul style="list-style-type: none"> <li>• Memory and Storage</li> <li>• Computer networks, connections and protocols</li> <li>• Identifying and preventing vulnerabilities</li> <li>• Ethical, legal, cultural and environmental impact</li> </ul>

What makes up the course?

Component	Marks	Duration	Weighting
Computer systems (01) <i>Calculators not allowed</i>	80	1 hour 30 mins	50%
Computational thinking, algorithms and programming (02) <i>Calculators not allowed</i>	80	1 hour 30 mins	50%
Programming project (03/04) Non-exam assessment	0	20 hours	0%

Remember the following basics (the paper):

- Read the instructions on the front of the examination paper carefully.
- Read the questions very carefully, paying particular attention to words of instruction such as State or Describe or Explain or Show or List or Compare.
- Carefully note the time available to complete the examination. Aim to divide up your time before you start. Allow yourself about one minute for each mark.
- You should aim to attempt all questions rather than spending all your time on a few, but also attempt the questions you are confident with first and go back to others later.
- Examination papers tell you how many marks are available for each answer. The number of marks gives you a guide to the importance of the question and often to the amount you ought to write.
- Try to leave time to check your work through carefully

Long Answer Questions (6 marks)

- Circle all of the words and phrases that give you a clue about what you should include in your answer
- Write a list of Keywords you will need to include in your answer

- Start with an introduction that tries to explain the terms of the question. This may include a statement of your own views or opinions

### Knowing what the question means

- Examiners choose their words carefully. For example, if you are asked to name a piece of equipment, then you really have to name it!! If you do not name it and instead describe it you will get no marks no matter how correct you are. Get to know what they are looking for.

### What can students do to revise? Subject specific advice and tips.

#### Get Organised

- Use your PLC list to focus on your specific areas for improvement.
- Identify weak areas from class or homework- identify topics you are struggling on.

#### Questions Practice

- Past papers are the best source of revision materials, there are old specification ones available in the student area. You can do the same paper more than once.
- When you have completed any revision, make a note of which topics you got wrong and add these to your 'difficult' list.
- Show all of your working out clearly when doing questions – then it will be easier to repeat this in the exam.
- Learn the rules and formula to convert base binary and hexadecimal that you need to remember. Put them on cards or post-it notes around your room.

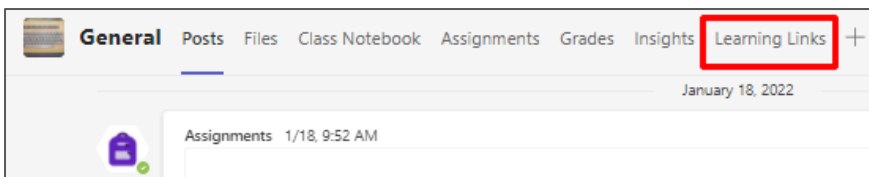
#### NOT Using your calculator

- Note you are not allowed to use a calculator in the exam so practice binary and hexadecimal questions without the use of calculator.

### Useful links and resources available (including PLCs)

All resources for each learning objective can be found in 'Teams' under the tab 'Learning Links'.

This include links to CraigN'Dave, BBC Bitesize, GCSE Pod, Oak Academy, Seneca and page reference from the CGP book.



LO		GCSE Specification Learning Links	Bitesize	CD	GCSE POD 3	OAK ACADEMY	SENECA	CGP Ref
		<b>Paper 1: Computer Systems</b>						
		<b>1.1 – Systems architecture</b>						
LO	EXAM 2022	<b>1.1.1 Architecture of the CPU</b>						
01	Y	The purpose of the CPU	<a href="https://www.bbc.co.uk/bitesize/topics/ks3cs/revision/1">https://www.bbc.co.uk/bitesize/topics/ks3cs/revision/1</a>	<a href="https://student.cmgoback.ac.uk/revision/gcse/177-01-1-the-purpose-of-the-cpu-the-why-what-how-cycle">https://student.cmgoback.ac.uk/revision/gcse/177-01-1-the-purpose-of-the-cpu-the-why-what-how-cycle</a>	<a href="https://members.groop.co.uk/members/groop/177777">https://members.groop.co.uk/members/groop/177777</a>	<a href="https://classroom.theoretical.academy/revision/revision-to-the-cpu-011/">https://classroom.theoretical.academy/revision/revision-to-the-cpu-011/</a>		2
			<a href="https://www.bbc.co.uk/bitesize/topics/ks3cs/revision/1">https://www.bbc.co.uk/bitesize/topics/ks3cs/revision/1</a>	<a href="https://student.cmgoback.ac.uk/revision/gcse/177-01-1-the-purpose-of-the-cpu-the-why-what-how-cycle">https://student.cmgoback.ac.uk/revision/gcse/177-01-1-the-purpose-of-the-cpu-the-why-what-how-cycle</a>	<a href="https://members.groop.co.uk/members/groop/177777">https://members.groop.co.uk/members/groop/177777</a>	<a href="https://classroom.theoretical.academy/revision/revision-to-the-cpu-011/">https://classroom.theoretical.academy/revision/revision-to-the-cpu-011/</a>		
02	Y	Common CPU components and their function: o ALU (Arithmetic Logic Unit) o CU (Control Unit)	<a href="https://www.bbc.co.uk/bitesize/topics/ks3cs/revision/1">https://www.bbc.co.uk/bitesize/topics/ks3cs/revision/1</a>	<a href="https://student.cmgoback.ac.uk/revision/gcse/177-01-1-the-purpose-of-the-cpu-the-why-what-how-cycle">https://student.cmgoback.ac.uk/revision/gcse/177-01-1-the-purpose-of-the-cpu-the-why-what-how-cycle</a>		<a href="https://members.groop.co.uk/members/groop/177777">https://members.groop.co.uk/members/groop/177777</a>		3

In addition to the Learning Links we have purchased a subscription to ‘Teach Computer Science’. Students will be sent a login to this on Insight

<https://teachcomputerscience.com/>

See Also

[OCR J277 Computer Science Page](#)



**What is covered in each of the summer exams?**

Exam/ paper	Length/ timings	Units/ main topics covered
Paper 1: Influences of operations and HRM on business activity	One hour 45 minutes	<ul style="list-style-type: none"> <li>• Business in the real world</li> <li>• Influences on business</li> <li>• Business operations</li> <li>• Human resources</li> </ul>
Paper 2: Influences of marketing and finance on business activity	One hour 45 minutes	<ul style="list-style-type: none"> <li>• Business in the real world</li> <li>• Influences on business</li> <li>• Marketing</li> <li>• Finance</li> </ul>

**What else should I be aware of in terms of the content of each exam?**

Remember you need to apply your knowledge and understanding to different business contexts ranging from small enterprises to large multinationals and businesses operating in local, national and global contexts.

You will need to apply your knowledge and understanding to business decision making including:

- the interdependent nature of business activity, influences on business, business operations, finance, marketing and human resources, and how these interdependencies underpin business decision making
- how different business contexts affect business decisions
- the use and limitation of quantitative and qualitative data in making business decisions.

**What can students do to revise? Subject specific advice and tips.**

Learn the business key terms and concepts; use the revision books and the notes you have made in your exercise books together with the glossary of key terms and PLC document available.

Practise the skills of:

- using business terminology to identify and explain business activity
- applying business concepts to familiar and unfamiliar contexts
- demonstrating problem solving and decision making skills relevant to business
- investigating, analysing and evaluating business opportunities and issues
- making justified decisions using both qualitative and quantitative data including its selection, interpretation, analysis and evaluation, and the application of appropriate quantitative skills.

**Useful links and resources available (including PLCs)**

tutor2u; <https://www.tutor2u.net/>

BBC Bitesize; <https://www.bbc.co.uk/education/subjects/zpsvr82>

**What is covered in each of the summer exams?**

Exam/ paper	Length/ timings	Units/ main topics covered
Listening	35 minutes (foundation) 45 minutes (higher)	Theme 1: Identity and culture Theme 2: Local, national, international and global areas of interest Theme 3: Current and future study and employment
Speaking	12 minutes supervised preparation and recorded exam (5-7 minutes foundation, 10-12 minutes higher)	
Reading	45 minutes (foundation) 1hr (higher)	
Writing	1 hr (foundation) 1 hr 20 minutes (higher)	

**What else should I be aware of in terms of the content of each exam?**

Students will be entered for either higher or foundation papers in all skills (one tier for all papers).  
Final speaking exams will be in April.

**What can students do to revise? Subject specific advice and tips.**

Prepare answers to all sample questions (provided by teachers) for all speaking topic themes.  
Learn vocab from specification / memorise. You have been given paper copies of this for each topic.  
Revise grammar points (common verbs in 3 tenses, formation of tenses, irregular verb formation)  
Practise writing on different themes and including a range of grammar points (collate a checklist and use it).  
Practise doing reading and listening comprehension tasks from Kerboodle.  
Translate texts from Kerboodle into English.  
Role-plays and photo cards are available on the student drive.

**Useful links and resources available (including PLCs)**

All students have passwords for Kerboodle (online text book) where they can access reading comprehension tasks, listening sound files and tasks and grammar reference.  
Use the personalised learning checklist your teacher has given you (available on the student drive with electronic links) in order to prioritise topics and areas of grammar you need most work on.  
Memrise.com is an online vocab learning resource.  
GCSE Bitesize  
Languagesonline.com  
Quizlet.com  
Listening and reading past papers from the old GCSE course (all boards)

What's being covered in the Year 11 Internal Exams?

Exam/ paper	Length/ timings	Units/ main topics covered
Paper 1 - Living with the Physical Environment	1 hour 30 mins	The Living World, Coastal landscapes in the UK, River Landscapes in the UK, the Challenge of natural hazards
Paper 2 - Challenge in the Human Environment	1 hour 15 mins	The Changing Economic World, Urban Issues and challenges

What can students do to revise? Subject specific advice and tips.

1. Learn the geography key terms (for example processes of erosion) and concepts (such water security); use your revision guides and the notes you have made in your exercise books together with the glossary of key terms and PLC document available on Insight. Use strategies such as mind maps, flashcards, RAG rating your knowledge using the PLCs, posters, quizzes etc.
2. Learn case studies such as physical (a) and human (b):
  - a. Typhoon Haiyan, Nepal Earthquake, Thar Desert and Malaysian Rainforest to use in 9 mark questions. Explain in full sentences and not just bullet points, analyse by giving a line of argument in the 9 mark questions that responds directly to the command word such as 'to what extent' and evaluate by writing a conclusion to the 9 mark questions.
  - b. Nigeria, Rio de Janeiro and Bristol to use in the 9 mark questions. Explain in full sentences and not just bullet points, analyse by giving a line of argument in the 9 mark questions that responds directly to the command word such as 'to what extent' and evaluate by writing a conclusion to the 9 mark questions.
3. Practise the skills of application using photos, graphs, maps and data.
4. Practise past examination papers and mark schemes available on the AQA Website.

Useful links and resources available (including PLCs)

Past/practice papers

<http://www.aqa.org.uk/subjects/geography/gcse/geography-8035/assessment-resources>

Also if you have the newer 'purple' revision guide from CGP then there are practice papers in there for you to complete

You can access a wider range of revision resources and exam practice through Pixl by logging onto to their website

**Link:** <https://students.pixl.org.uk>

**PiXL School Number:** 602929

**Password:** Indep127

**Revision websites (look for the topics we have covered. Remember we have studied the AQA course)**

<http://www.aqa.org.uk/subjects/geography/gcse/geography-8035/assessment-resources>

<https://www.bbc.com/bitesize/subjects/zkw76sg>

<https://www.internetgeography.net/aqa-gcse-geography/>

<https://www.s-cool.co.uk/gcse/geography>

<https://revisionworld.com/gcse-revision/geography>

[https://tinycards.duolingo.com/search?query=GCSE\\_geography](https://tinycards.duolingo.com/search?query=GCSE_geography)

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

Link: <https://students.pixl.org.uk> PiXL School Number: 602929 Password: Indep127

What is covered in each of the summer exams?

Exam/ paper	Length/ timings	Units/ main topics covered
Paper 1: (33% of the GCSE) Conflict and Tension 1918-1939 Germany section of paper has been removed	1 hour	Section A - Conflict and Tension, 1918-1939 (4 compulsory questions)
Paper 2: (33% of the GCSE) Britain: Health and the People: c1000 to the present day.	1 hour	Section A - Britain: Health and the People: c1000 to the present day (4 compulsory questions)
Paper 3: (33% of the GCSE) Elizabethan England, c1568 – 1603	1 hour	Section A - Elizabethan England, c1568 – 1603 (4 compulsory questions)

What else should I be aware of in terms of the content of each exam?

Remember that the Historical Environment question on Lord Burghley’s Alms houses is in Section 2 of Paper 3.

What can students do to revise? Subject specific advice and tips.

- Make sure you know the content for each topic and paper you need to revise for.
- Make sure you have also bought a copy of the CGP revision guide or AQA ‘My Revision Notes’.
- Make sure you have accessed sample papers and have practiced answering questions. The more practice the better so make sure you are completing practice papers for Paper 1 and Paper 2.
- Remember there are revision sessions and revision resources on the student shared area. Make sure you are accessing all these tools to help you.
- Ensure you understand the mark scheme for each paper and the demands of individual questions - this is crucial in aiding your progress.

Useful links and resources available (including PLCs)

GCSE recommended websites:

- <http://www.aqa.org.uk/subjects/history/gcse/history-8145>
- BBC Bitesize has activities and source questions: [www.bbc.co.uk/schools/gcsebitesize/history/](http://www.bbc.co.uk/schools/gcsebitesize/history/)
- BBC Learning Zone has a variety of revision clips: <http://www.bbc.co.uk/education>

Revision/homework booklets available for all topics – each booklet includes a personal learning checklist to allow you to focus your revision on key topics.

GCSE pod lists are on insight and available for all students.

What is covered in each of the summer exams?

Exam/ paper	Length/ timings	Units/ main topics covered
Paper 1 (50% of total marks)	2 hours	Religious, philosophical and ethical studies in the modern world – covering 4 issues: - Relationships - Life and death - Good and evil - Human rights
Paper 2 (25% of total marks)	1 hour	Christianity – Beliefs and teachings and practices
Paper 3 (25% of total marks)	1 hour	Islam – Beliefs and teachings and practices

What can students do to revise? Subject specific advice and tips.

1. Make sure you know the content for each topic and paper you need to revise for.
2. Learn all the RE key terms (for example ‘commitment’) for the 2 mark questions
3. Use your revision guides and the notes you have made in your exercise books together with the glossary of key terms and PLC document available on Insight. Use strategies such as mind maps, flashcards, RAG rating your knowledge using the PLCs, posters, quizzes etc.
4. Learn key SOWA such as Genesis 1:26-27 “God said, ‘Let us make man with our image and likeness. Let him dominate the fish of the sea, the birds of the sky...” and ensure you can paraphrase and explain quotes.
5. Learn key parables from the Bible/Bible stories e.g. The parable of the sheep and the goats/the story of Job.
6. Practise answering exam style questions using past examination papers and mark schemes available on the Eduqas Website.
7. Practice your evaluation skills for the 15 marker answers – clearly explaining why an argument is more or less convincing and why

**What is covered in each of the summer exams?**

Exam/ paper	Length/ timings	Units/ main topics covered
Paper 1: Cognition and behaviour	1hr 45 minutes	Perception Development Memory Research methods
Paper 2: Social context and behaviour	1hr 45 minutes	Social influence Language, thought and communication Brain and neuropsychology Psychological problems

**What else should I be aware of in terms of the content of each exam?**

Research methods questions can pop up in paper 2 as part of source questions but the bulk of the questions will be in the research methods section in paper 1. You can use a calculator and will be expected to answer questions with purely mathematical content such as converting fractions into decimals or percentages and vice versa, standard form and calculating ratios. The AQA GCSE specification has more guidance on the mathematical content that can be included.

The questions can be multiple choice, short answer, or long answer questions with a maximum of 9-mark questions. There will also be 6 mark 'design a study' questions usually found in the research methods section. Questions will focus on one or two assessment objectives, they are: AO1 (demonstrating knowledge and understanding), AO2 (application of knowledge) and AO3 (evaluation and analysis of psychological theories and/or studies).

**What can students do to revise? Subject specific advice and tips.**

Understand what is required of each question by looking at the command word. Complete practice questions using the past papers on the AQA website to help develop concise writing skills and develop the structure needed for each answer. Go over key terms and definitions to help expand and add detail to your answers to demonstrate knowledge and complete AO1.

**Useful links and resources available (including PLCs)**

<https://www.aqa.org.uk/subjects/psychology/gcse/psychology-8182>

<https://psychboost.com/gcse/>

The revision guides provided by the psychology team

Use the large A3 PLC in your folder and go over your level of confidence for each topic, focus your revision on the red areas first.

## Year 11 Revision Support Materials

Curriculum Team: Design Art and Technology - Fine Art

There is no longer an exam but the following is required for completion

Component 1 Deadline	Units/ main topics covered
May 16 <sup>th</sup>	A01 - Developing ideas and artist research A02 – Experimentation A03 – Drawing and recording through photography A04 – Final outcomes, annotation and presentation

### After school catch up sessions

After school art sessions are held on Thursday with Miss Wilton in QO1 from 3.05 – 4.30. This is a fantastic opportunity to use the facilities and materials at school whilst gaining further support

### Component one checklist:

A01	<ul style="list-style-type: none"><li>• Mind map</li><li>• Mood board</li><li>• Minimum of 3 artist study pages linking to your theme</li><li>• Further research into your theme</li></ul>
A02	<ul style="list-style-type: none"><li>• A minimum of 5 experiments with different media including painting, clay, textiles and printing techniques</li><li>• Annotations explaining techniques used</li></ul>
A03	<ul style="list-style-type: none"><li>• 5 + accurate observational drawings linking to your chosen theme</li><li>• Photographs that you have taken presented in your book and developed into drawing and experiments</li></ul>
A04	<ul style="list-style-type: none"><li>• Thumbnails</li><li>• Final piece plan</li><li>• Minimum of 4 development ideas and samples</li><li>• Every page annotated</li></ul>

### Useful links and resources available (including PLCs)

<https://www.bbc.co.uk/bitesize/subjects/z6hs34j>

<https://www.studentartguide.com/articles/realistic-observational-drawings>

Further E-PLCs are available on Microsoft teams for further links to further support assessment objectives



## Year 11 Revision Support Materials

Curriculum Team: Design Art and Technology – Three Dimensional Art

There is no longer an exam but the following is required for completion of Component 1

Component 1 Deadline	Units/ main topics covered
May 16 <sup>th</sup>	A01 - Developing ideas and artist research A02 – Experimentation A03 – Drawing and recording through photography A04 – Final outcomes, annotation and presentation

### After school catch up sessions

After school art sessions are held on Wednesdays with Miss Smith in M16 from 3.05 – 4.30. This is a fantastic opportunity to use the facilities and materials at school whilst gaining further support

### Component checklist:

AO1	<ul style="list-style-type: none"><li>• Mind map</li><li>• Mood board</li><li>• Minimum of 3 artist study pages linking to your theme</li><li>• Further research into your theme</li></ul>
AO2	<ul style="list-style-type: none"><li>• A minimum of 5 experiments with different media including clay, sculpture and printing techniques</li><li>• Annotations explaining techniques used</li></ul>
AO3	<ul style="list-style-type: none"><li>• 5 + accurate observational drawings linking to your chosen theme</li><li>• Photographs that you have taken, presented in your book and developed into drawing and experiments</li></ul>
AO4	<ul style="list-style-type: none"><li>• Thumbnails</li><li>• Final piece plan</li><li>• Minimum of 4 development ideas and samples</li><li>• Every page annotated</li></ul>

### Useful links and resources available (including PLCs)

<https://www.bbc.co.uk/bitesize/subjects/z6hs34j>

<https://www.studentartguide.com/articles/realistic-observational-drawings>

Further E-PLCs are available on Microsoft teams for further links to further support assessment objectives

**What is covered in each of the summer exams?**

Exam/ paper	Length/ timings	Units/ main topics covered
1. Principals of food preparation and Nutrition (9 <sup>th</sup> June 20)	One hour 45 minutes	Nutrition and healthy eating Food safety and hygiene Sustainability Production methods Commodities functions and uses Types of cuisine Technology and equipment Packaging and safety Food influences Sensory analysis

**What else should I be aware of in terms of the content of the exam?**

Remember to keep answers concise.  
 Divide into appropriate points (6 marks should be 3 short paragraphs divided into PEE).  
 Use PEE, Point, evidence and example throughout 4+ answers.  
 Show as much knowledge as possible.  
 Remember, common sense and plenty of practical examples will often get you marks.

**What can students do to revise? Subject specific advice and tips.**

Pupils can practise the different methods to help remember the processes. Cake making methods; creaming, whisking, melting, pastry making methods; shortcrust, puff, Bread and biscuit doughs, sauce making methods Roux ect .  
 Use revision cards and mind maps that you have had time for making throughout Year 10.  
 Use class notes and revision guides.  
 Ask parents and friends to test your knowledge on different ingredients and processes.  
 You will have a folder including your Y10 and 11 mock exam papers, QLAs, PLCs, printed information pages and exam questions. (This will be organised when we have finished NEAs)  
 Watch food programmes on TV/you tube.  
 Reading of newspapers, magazines recipe books to support with knowledge and understanding.

**Useful links and resources available (including PLCs)**

Jamie Oliver’s ‘food tube’- focuses on skills and processes <https://www.youtube.com/watch?v=Wqko7xVKW2s>  
 ‘BBC teach’ covers a range of different topics with short video clips <https://www.bbc.co.uk/teach/class-clips-video/design-and-technology-gcse-food-preparation-and-nutrition/zvjh8xs>  
 Quizzlet and seneca contain short quizzes on food preparation and nutrition topics.

What is covered in each of the summer exams?

Exam/ paper	Length/ timings	Units/ main topics covered
Design Technology Product Design Textiles	2 hours 100 marks 50% of GCSE grade	<p><b>What's assessed</b></p> <ul style="list-style-type: none"> <li>• Core technical principles</li> <li>• Specialist technical principles</li> <li>• Designing and making principles</li> </ul> <p><b>Section A – Core technical principles (20 marks)</b></p> <p>A mixture of multiple choice and short answer questions assessing a breadth of technical knowledge and understanding.</p> <ul style="list-style-type: none"> <li>• new and emerging technologies</li> <li>• energy generation and storage</li> <li>• developments in new materials</li> <li>• systems approach to designing</li> <li>• mechanical devices</li> <li>• materials and their working properties.</li> </ul> <p><b>Section B – Specialist technical principles (30 marks)</b></p> <p>Several short answer questions (2–5 marks) and one extended response to assess a more in depth knowledge of technical principles.</p> <ul style="list-style-type: none"> <li>• selection of materials or components</li> <li>• forces and stresses</li> <li>• ecological and social footprint</li> <li>• sources and origins</li> <li>• using and working with materials</li> <li>• stock forms, types and sizes</li> <li>• scales of production</li> <li>• specialist techniques and processes</li> <li>• surface treatments and finishes.</li> </ul> <p><b>Section C – Designing and making principles (50 marks)</b></p> <p>A mixture of short answer and extended response questions.</p> <ul style="list-style-type: none"> <li>• investigation, primary and secondary data</li> <li>• environmental, social and economic challenge</li> <li>• the work of others</li> <li>• design strategies</li> <li>• communication of design ideas</li> <li>• prototype development</li> <li>• selection of materials and components</li> <li>• tolerances</li> <li>• material management</li> </ul>

		<ul style="list-style-type: none"> <li>• specialist tools and equipment</li> <li>• specialist techniques and processes</li> </ul>
NEA – non-exam assessment Coursework	<b>How it's assessed</b> Non-exam assessment (NEA): 30–35 hours approx 100 marks 50% of GCSE	<b>What's assessed</b> Practical application of: <ul style="list-style-type: none"> <li>• Core technical principles</li> <li>• Specialist technical principles</li> <li>• Designing and making principles</li> </ul> <b>Task(s)</b> <ul style="list-style-type: none"> <li>• Substantial design and make task</li> </ul> <b>Assessment criteria:</b> <ul style="list-style-type: none"> <li>• Identifying and investigating design possibilities</li> <li>• Producing a design brief and specification</li> <li>• Generating design ideas</li> <li>• Developing design ideas</li> <li>• Realising design ideas</li> <li>• Analysing &amp; evaluating</li> <li>• In the spirit of the iterative design process, the above should be awarded holistically where they take place and not in a linear manner</li> <li>• Contextual challenges to be released annually by AQA on 1 June in the year prior to the submission of the NEA</li> <li>• Students will produce a prototype and a portfolio of evidence</li> <li>• Work will be marked by teachers and moderated by AQA</li> </ul>

### What else should I be aware of in terms of the content of each exam?

#### GCSE AQA Design Technology Revision Guide for grades 9-1 course

**Key ideas in Design Technology** (CAD/CAM, sustainability, products in society, technology in manufacturing, powering systems).

#### An introduction to materials and systems

**More about materials** (textiles, timbers, metals, electronic systems, alloys, papers and boards, developments in new materials).

**Designing and making** (the world of designers, understanding user needs, design briefs and specifications, product analysis, working safely).

### What can students do to revise? Subject specific advice and tips.

The CGP GCSE AQA Revision Guide is a useful book to use.

The student resource area contains a 'Daydream' slides folder which is useful for helping with revision cards. This is a more condensed version of the full revision guide.

Understand and revise the command words: state, define, outline, explain, describe, discuss, assess/evaluate.

Plan out extended response questions. These questions are worth 6 or more marks. Before students start an extended response question, they should jot down the points they want to make and plan their answer to help with structure and to avoid repeating things.

### Useful links and resources available (including PLCs)

PLC list for NEA

Student resource area, Design Technology, GCSE Product Design, GCSE Textiles. All topic PowerPoints and e-revision guide available.

CGP Design Technology Revision Guide – AQA 1 - 9 Edition  
GCSE Bitesize  
GCSE Pod  
[www.AQA.org.uk](http://www.AQA.org.uk) - past papers  
EFocus Learning app on RM Unify

What is covered in each of the summer exams?

Exam/ paper	Length/ timings	Units/ main topics covered
Interpreting Theatre	1hr30	War Horse and Theatre Review of Billy Elliott

What else should I be aware of in terms of the content of each exam?

Most questions will be asked from the perspective of an actor, director or designer.

What can students do to revise? Subject specific advice and tips.

**War Horse:-** Everything you need to know is on the two sheets stuck into the back of your books! Use that as a check list but here are some of them:

- Learn key words from sheet given
- Re-read War Horse
- Look over past questions you have done
- Get costume ideas for all characters
- Know all lighting states
- Know the staging types
- Think about how you would approach the text from an actor/ director/ designers point of view
- Know the relationships between the characters

Remember it is a drama exam and not an English exam! You don't need to analyse the text but talk about HOW you would put this on stage.

**Billy Elliott:** (lots of this will be done in class and I know we haven't covered this stuff yet- but will be useful when you come to revise)

Make notes on the different characters

Make notes on your view of the production and what it was trying to tell an audience

How were the themes/ issues shown in the play through design (costume, lighting, set etc.)

How did the actors use their voice and movement to convey meaning to the audience? (pick two actors to really focus on and make notes on)

Pick two scenes where lighting was used really effectively to convey meaning and make notes

Pick two scenes where sound was used really effectively to convey meaning and make notes

Pick two scenes where costume was used really effectively to convey meaning and make notes

Pick two scenes where set was used really effectively to convey meaning and make notes

Useful links and resources available (including PLCs)

<https://www.bbc.co.uk/education/subjects/zbckjxs>

<http://www.warhorseonstage.com/learning/design/>

<http://online.fliphtml5.com/iiyi/yopa/> (Billy Elliott education pack)

**What is covered in each of the summer exams?**

Exam/ paper	Length/ timings	Units/ main topics covered
Dance Appreciation	1hr30	Knowledge and understanding of choreographic processes and performing skills Critical appreciation of own work Critical appreciation of professional works

**What else should I be aware of in terms of the content of each exam?**

Students need to express their basic knowledge of choreography and performance and develop this applying it to practical examples of their own and others work, analysing the how and why in all answers, especially the 6 and 12 mark questions.

Year 11 will have completed 60% of the course (this is the practical aspect of the course) by the end of March.

**What can students do to revise? Subject specific advice and tips.**

- Use PLCs to monitor progress.
- Learn key terminology.
- Practise exam technique.
- Complete past paper questions.
- Practice applying their knowledge of performance and choreography skills to their own practical examples.
- Practice analysing the others choreographers' work.

**Useful links and resources available (including PLCs)**

Use your PLCs to guide you to revise your weakest areas

Use your knowledge organisers to identify gaps in your knowledge and also to learn the basic information about the professional works.

GCSE Dance revision guide provided to you.

Use your progress booklets to help you revise the key information.

**Anthology Works Links**

A Linha Curva Interview <https://www.youtube.com/watch?v=Pbp604UCmtY>

A Linha Curva <https://www.youtube.com/watch?v=b7VTta691hw>

Artificial Things Interview <https://www.youtube.com/watch?v=iLh7T-1U0Qk>

Artificial Things <https://www.youtube.com/watch?v=OytCgVbySrA>

EofE Interview [https://www.youtube.com/watch?v=AjC\\_5ZIZ-sk](https://www.youtube.com/watch?v=AjC_5ZIZ-sk)

EofE <https://www.youtube.com/watch?v=nUQI8kUjaiE>

Infra Interview <https://www.youtube.com/watch?v=UUFJajAqQgs>

Infra <https://www.youtube.com/watch?v=62bJnYj0V0M>

## Year 11 Revision Support Materials

Curriculum Team: PE & Performing Arts – Physical Education

### What is covered in each of the summer exams?

Exam/ paper	Length/ timings	Units/ main topics covered
The human body and movement in physical activity and sport	1hr15	Applied anatomy and physiology Movement analysis Physical training Use of data
Socio-cultural influences and well-being in physical activity and sport	1hr15	Sports psychology Socio-cultural influences Health, fitness and well-being Use of data

### What else should I be aware of in terms of the content of each exam?

Students need to express their knowledge (AO1), their application and examples (AO2) and their analysis/evaluation (AO3) in all answers (question specific) but especially the 6 and 9 mark questions.

Year 11 will have completed 40% of the course (practical and NEA) by the end of February.

### What can students do to revise? Subject specific advice and tips.

Use PLCs to monitor progress.

Use [www.theeverlearner.com](http://www.theeverlearner.com) (videos, practice questions and checkpoints).

Learn key terminology.

Practise exam technique.

Complete past paper questions.

Apply theory to multiple examples and practice analysis.

### Useful links and resources available (including PLCs)

Use your PLCs to guide you to revise your weakest areas.

[www.theeverlearner.com](http://www.theeverlearner.com) for all videos and quizzes which cover the content of the course.

A GCSE revision guide is available to order through the PE department.



**What is covered in each of the summer exams?**

Exam/ paper	Length/ timings	Units/ main topics covered
AQA Listening Paper	1 hour 30 mins	Listening – key vocab linked to texture, melody, structure, intervals, cadences, rhythm, metre  Written questions on The Beatles (links to technology and creativity) and Haydn (explore either balance, contrast or classical features)

**What else should I be aware of in terms of the content of each exam?**

No additional exams but 30% performance coursework will be recorded in February/March and 30% composition – to be finished in the first week of Term 4.

**What can students do to revise? Subject specific advice and tips.**

Learn the words which apply to each area of study. For example, texture = homophonic, polyphonic, unison, octaves etc. There is a glossary on Insight which you may find helpful.

In addition to this, practise writing out key points to do with The Beatles and Haydn. Learn keywords which apply to both set works. You can practise this by reading them out to a parent or carer.

**Useful links and resources available (including PLCs)**

Identify your weak points by referring to the PLC. Within Student Resources, there are lots of resources which you may find helpful in 'Revision'. There is also a folder on The Beatles and Haydn. There is also a Past Paper folder which has lots of listening questions, with audio and mark scheme. Be aware that any papers earlier than 2016 is a different specification but listening questions are always very similar!

Use **Focus on Sound** for listening. <https://wellsway.musicfirst.co.uk> This is a fantastic resource. Log in reminder - user name (imclean or bsimpson) then as the password (same as your user name). There are lots of lessons which will help you. Go to Lessons - AQA GCSE.

Good luck to you all.

Remember to ask if you are not sure or require help.