

Preparation is everything!



YEAR 10 REVISION GUIDE

-LYMM HIGH SCHOOL -

WHY REVISION AND STUDY SKILLS MATTER

"The secret to getting ahead is getting started!"

REMEMBER...

NO. 1

It is impossible to remember everything you have learnt this year and therefore you will need to go over the work and remind yourself of what you have studied.

NO. 2

We all remember some things more than others, and so planning your revision is essential for feeling confident about your mock exams.

NO. 3

It is important that in your exams you get the best possible level or grade in your subjects. This will show your teacher what you have understood and can ensure you receive the right support moving forward.

LOOKING AFTER YOURSELF

Many students fall into the trap of 'revising' by reading through notes while watching TV.

To revise effectively students need a calm, peaceful environment. A little light background music can be conducive to concentration; however, mobile phones, TV and loud music have been shown to have a negative impact.

All students are individuals, and many often find their own preferred style of revision. However, just reading through notes has been shown to be highly ineffective. Students need to process and interact with the information in order to maximise retention.

A quick internet search reveals that there are many revision methods. On the following pages are details of just a few.

IDENTIFY AREAS YOU NEED TO WORK ON

For each subject you need to create a revision checklist which is a list of topics you need to revise. Your subject teacher may have created this for you. You should then RAG the topics.

RED - For the topics you don't understand as much or know the least about.

AMBER - For the topics you understand fairly well

GREEN - For those you understand the most or know the most about.



You then need to start your revision by looking at the topics you put as red and then move onto the amber. Finally, you look at those that you have marked as green. This is called prioritising. You have decided which topics you need to focus on the most and these are the ones you will look at first.

PLANNING WHAT YOU NEED TO REVISE

It is best to create a revision timetable for your revision as this will help you to fit in all your different subjects.

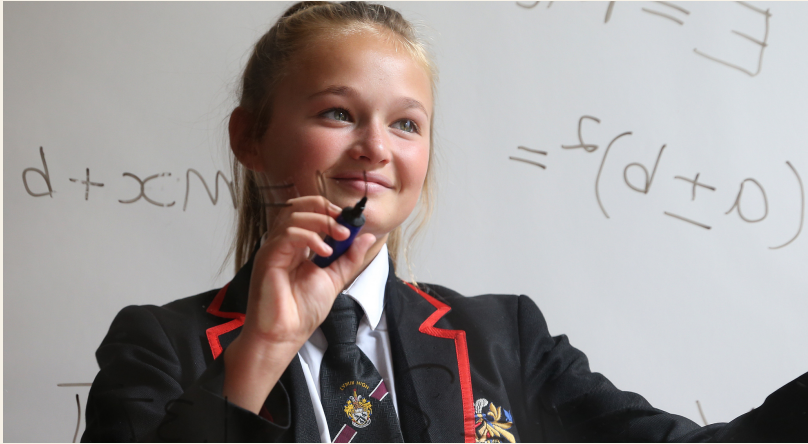
THE BENEFITS OF A REVISION TABLE ARE:

- You will feel less worried about your exams.
- It will help you focus on what you need to do each day.
- Your revision will be organised and you will be less likely to miss important topics or subjects that you need to cover.
- You will know when you should be revising.

First you will need to decide which subjects will be in each revision session. Make sure there is an equal amount of sessions for each subject. Underneath each subject, add the topic you will revise.

Once you have revised a topic, you need to tick it off on your revision checklist. This will help you to keep track of the topics you have already revised and those you still need to spend time on.

"The best preparation for tomorrow is doing your best today."



PRACTICE

MAKES PERFECT

In many of your subjects, the key to success is high quality practice... But how do you ensure that the time you spend practising is not wasted? How do you make sure that practice really helps you make progress?

FOUR KEYS FOR PERFECT PRACTICE

1- IDENTIFYING WHAT TO PRACTICE

There are two types of practising:

Practising to keep it fresh in your mind

Making sure you don't forget topics you haven't covered for a while.

Theory says you should aim to briefly recap each topic every 6 weeks once you are confident with it to make sure you don't forget.

Practising to consolidate new learning

Once you have learnt something new you should spend some time practising it so it sticks in your mind.

When the topic is new, practising it more than once in a week will help you remember it.

TOP TIP

Make sure you have clear targets for your practice; don't always practice the same things because they're easier and don't spend lots of time practising topics that are not around your target. Your teachers can help you identify the important topics.

2- HOW AND WHEN TO PRACTICE

Little and often! Don't set aside 3 hours once a week. It is much better to do half an hour every day.

For that short window, put distractions away and let your brain focus on one thing; that way your brain can put all its energy on the revision. Instagram can wait for half an hour!

Don't do it late at night, or during your favourite TV show. Fit it around your other priorities... Another reason to do little chunks regularly.

TOP TIP

Set up a specific timetable. Not just which subject on which day, but at what time and for how long.

3- MAKE A CHECKLIST

Have a notebook or folder for each subject, with a checklist of priorities (your teacher can help you with the list).

Use coloured pens or paper, revision cards or highlighters. Take pride in your work.

TOP TIP

There is nothing more satisfying than ticking things off your list.

4- RESOURCES FOR PRACTISING

Know where to look for good quality resources and support. You don't want to be practising questions that don't help you get marks in the exam or not have anywhere to get help if you get stuck. Luckily there are loads of great resources for you.

The following subject pages provide links to websites, apps and other useful resources.

Share resources you have found with your friends, and get their ideas too.

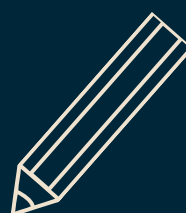
TOP TIP

Not everything works for everyone, so trial the different resources your teachers and friends suggest and find the ones that work for you.

"I'm not telling you it's going to be easy, I'm telling you it's going to be worth it!"

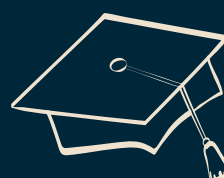
Using REVISION GUIDES

As you are reading through the revision guide make questions that you can go back and test yourself on at the end.



Highlight information that is important, or you find difficult to remember, in a bright colour so you know to keep going back to it.

Make a mind map of key information that you have read from the revision guide.



Teach a member of your family, or a friend, what you have learnt from the revision guide.

Try to summarise everything you have read into one paragraph and then check if the information is correct.



Use post-it notes to highlight pages in the guide that are important and that you need to go back to at a later date.

TIPS FOR SUCCESSFUL USE OF THE KNOWLEDGE ORGANISER

The Knowledge Organisers are designed to help you acquire a wide range of knowledge which in turn will mean you are more prepared for your lessons as well as for your GCSE exams. To get the most out of your Knowledge Organiser, you should be learning sections and then self-testing. **Do not just copy the information out!**

"The only place where success comes before work is in the dictionary."

1 LOOK, COVER, WRITE, CHECK, CORRECT

Read a section of the Knowledge Organiser, cover it up and then try and write down the information you just read. Check and see if you got it right and then correct any mistakes. Keep doing this until you are able to remember the information correctly.

2 HIGHLIGHTING/UNDERLINING

As you are reading through your Knowledge Organiser, underline or highlight anything you think is difficult to remember or that you don't fully understand. This means you go back to these more difficult areas automatically every time you look at it.

3 REVISION CARDS

Identify key words/topics/ideas from your Knowledge Organiser and write on one side of your revision card. On the other write down an explanation, definition or key information. Use these cards to then quickly revise this information, test yourself or get someone else to test you. For example, you might write a character's name on one side and then some key quotes for that character on the other.

4 SUMMARISATION

Read through the information on your Knowledge Organiser and then try to summarise it in a paragraph of writing. Read through and check anything you have missed and correct it.

REVISION CARDS

There are a variety of different ways that revision cards can be used to revise:

KEY WORDS & DEFINITIONS




Put key words on one side of the card and then put the definitions on the other side.

Create a list of key words for a topic.

Write a list of key words with the definitions.

Put the key words for a topic on one side and then on the other side write a paragraph including the key words.

IDENTIFYING KEY WORDS AND USING THEM IN A PARAGRAPH



Look at the information in an exercise book or textbook on a topic. Then write the key ideas, key words and main points on a revision card. This could be done as a list, a brainstorm or Mind Map.


SUMMARISING TOPICS



Write a past paper question at the top of the revision card and then bullet point the main things to include in the answer.

Write a past paper question on one side of the card and then put the answer on the other side.

ANSWERING EXAM OR ESSAY QUESTIONS



MIND MAPS

What is Mind Mapping?

A Mind Map is a visual map of your ideas and information laid out in a radial format around a central thought.

Mind Maps can help you with your revision and particularly appeal to students who learn visually.

RECALL INFORMATION FROM MEMORY

Mind Maps allow ideas to be noted quickly and in an organised way, you do not have to worry about learning long sentences. Mind Map information is quick and efficient: it keeps recall at a high level.

UNDERSTAND SUBJECTS/TOPICS

Mind maps work the way the brain works which is not in nice neat lines!

Mind Maps help you to organise information in a way that is easily absorbed.

A Mind Map is visual to help you recall sections of information.

MAKE NOTES

By noting down only key words, you save vital time while revising.

Also, when you go on to write essays or revise for exam topics from your Mind Maps, you will recall the most important information.

BE CREATIVE

Mind Maps appeal to your senses with their visual elements.

They free the mind from thinking in lines, and ideas and thoughts flow more quickly.

PLAN LONG ANSWER QUESTIONS/ESSAYS

You generate ideas simply through making your Mind Map.

Your brain actively makes links between ideas, adds connections, puts thoughts in order and generates further creative ideas. This is good for planning any piece of writing.



MNEMONICS

HOW IT WORKS

Mnemonics - a small phrase or word that helps us to remember things.

All our GCSEs have a lot of content and key terminology to learn.

A useful tool to help with this is mnemonics:

To remember the Light spectrum:-

Richard **O**f **Y**ork **G**ave
Battle **I**n **V**ain

Which, of course, stands for: **R**ed, **O**range, **Y**ellow, **G**reen, **B**lue, **I**ndigo, **V**iolet.

Better still, make up one of your own:-

REFLEX ACTIONS

S timulus	S ome
R eceptor	R abbits
S ensory neurone	S ee
R elay neurone	R ed
M otor neurone	M onkeys
E ffector	E njoying
R esponse	R eading

"The harder you work for something, the greater you'll feel when you achieve it."

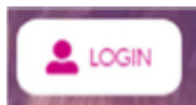
GCSE POD

GCSE Pod has lots of resources and tips to help you with motivation, how to learn, news and free resources.

Activating your GCSEPod account through Office 365



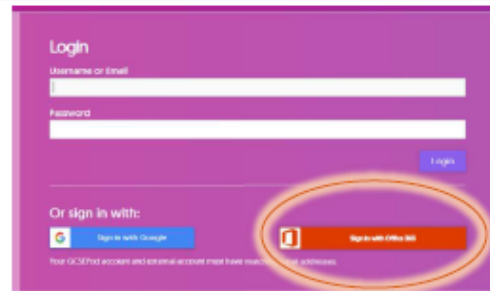
- 1 Go to www.gcsepod.com and click 'Login'



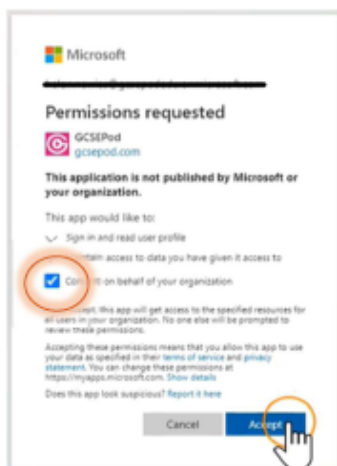
- 2 Click the Office 365 button:



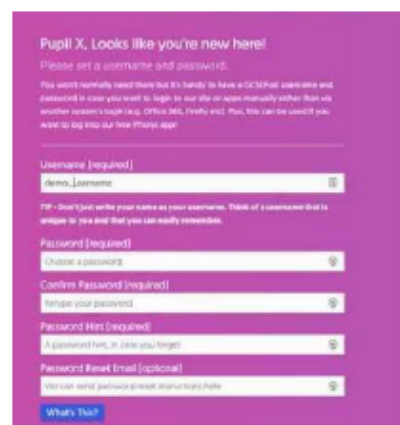
On the next screen click the Office 365 button again or enter your email and click 'Login'



- 3 Tick the consent box on the popup and then click 'Accept'.



- 4 You'll need to fill in a few details here and set a password to use with our GCSEPod app.



- 5 You're now logged in and ready to get started!

The next time you sign in you just need to repeat steps 1 and 2 to sign in again.



TASSOMAI

Log onto Tassomai on a computer or on your phone

**COMPLETE 15 MINUTES
EVERYDAY-5% A WEEK**

WWW.TASSOMAI.COM

**CHECK YOUR
DASHBOARD**

TO SEE HOW MUCH YOU HAVE DONE

*Review the quiz once you have completed
it and check what you have got wrong*

SPEND TIME ON THE TOPICS YOU ARE LESS CONFIDENT ON

YEAR 10 ENGLISH LANGUAGE

TIPS FOR REVISING ENGLISH



You will complete one paper that will last 1 hour and 45 minutes; this will be broken down into two sections.

Section A – Reading (1 hour)

You will be given a short fictional extract from a story (spend 5 minutes reading), followed by four questions:

- Question 1 – Select 4 true statements from an extract from the text (4 marks - 5 minutes)
- Question 2 – Analyse the writer’s language (words, techniques, sentences) in an extract from the text (8 marks - 12 minutes)
- Question 3 – Analyse the structure of the whole text (8 marks - 12 minutes)
- Question 4 – Evaluate a statement about a specific part of the text – decide whether you agree/disagree and which methods the writer has used to help you reach your decision (20 marks - 25 minutes)

Section B – Reading (45 minutes)

You will be given a choice of two descriptive writing tasks, one of which will have a picture as a stimulus. You must choose one and write your own description. You should:

- Plan your response (5 minutes)
- Write your response (35 minutes)
- Proof read/check your response (5 minutes)

There are 40 marks available for this question:

- 24 marks for content and organisation (your ideas, vocabulary techniques, creativity, structure)
- 16 marks for technical accuracy (spelling, punctuation, grammar)

Revision:

The specification/mark schemes/ past papers: [AQA](#) | [English](#) | [GCSE](#) | [English Language](#)

- Past papers have been uploaded to Teams (Y10 English 2020) and SMHW for all classes by Miss Turner
- All vocabulary lists and knowledge organisers for both sections have been uploaded to Teams (Y10 English 2020)

Some useful YouTube resources:

- Q1 - [AQA English Language Paper 1 Question 1 \(updated & animated\) - YouTube](#)
- Q2 - [AQA English Language Paper 1 Question 2 \(updated & animated\) - YouTube](#)
- Q3 - [AQA English Language Paper 1 Question 3 \(updated & animated\) - Bing video](#)
- Q4 - [AQA English Language Paper 1 Question 4 \(updated and animated\) - Bing video](#)
- Q5 - [AQA English Language Paper 1 Question 5 \(updated & animated\) - Bing video](#)

This full **revision booklet** contains tips, tricks and past questions for this paper.

YEAR 10 ENGLISH LITERATURE

TIPS FOR REVISING ENGLISH



You will complete one paper that will last 1 hour and 30 minutes; this will be broken down into two sections.

Section A - An Inspector Calls (45 minutes)

There are 30 marks available for this question + 4 marks for SPaG

You will be given a choice of two questions, but will only have to choose one to answer.

The question will ask you about a character or a theme in the play. You should aim to include an introduction and 3 main/developed paragraphs in your response.

You will be assessed on your ability to:

- Include ideas that answer the question
- Support your ideas with relevant quotations
- Analyse quotations (zoom/explain)
- Include Priestley's methods
- Make relevant links to context

Section B - Power and Conflict Poetry (45 minutes)

There are 30 marks available for this question

You will be given one question that asks you to compare two poems from your poetry anthology. One of the poems will be named in the question, you will be given a blank copy of this poem. You must choose another poem from the anthology to compare with the one in front of you – this should be a poem that's relevant to the question/has links with the one named in the question.

You will be assessed on your ability to:

- Include ideas that answer the question
- Compare ideas across poems
- Support your ideas with relevant quotations
- Analyse quotations (zoom/explain)
- Include the poets' methods (language and structure)
- Make relevant links to context

Revision:

The specification/mark schemes/ past papers: [AOA](#) | [English](#) | [GCSE](#) | [English Literature](#)

- Past papers have been uploaded to Teams (Y10 English 2020) and SMHW for all classes by Miss Turner
- All vocabulary lists and knowledge organisers for both sections have been uploaded to Teams (Y10 English 2020)

Some useful YouTube resources:

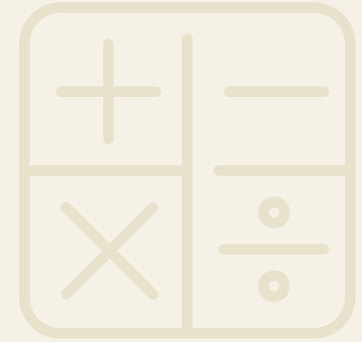
An Inspector Calls - '[An Inspector Calls](#)' by J.B Priestley - YouTube (this channel has videos for all separate characters and themes)

Poetry - [AOA 'Power and Conflict' Poetry](#) - YouTube (this channel has videos for each poem)

This full **revision booklet** contains tips, tricks and past questions for this paper.

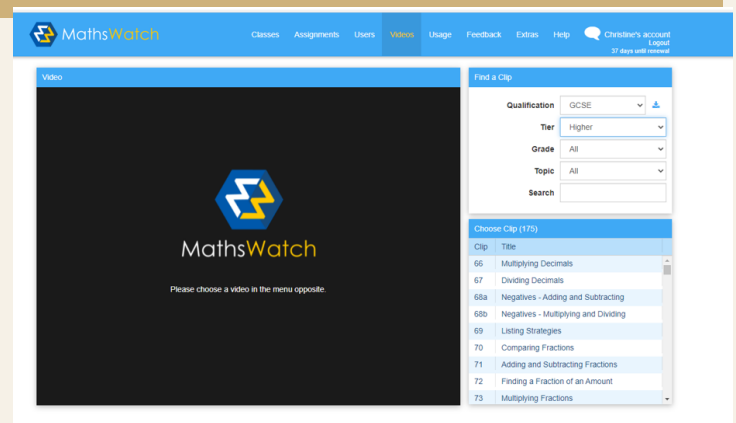
YEAR 10 MATHS

TIPS FOR REVISING MATHS



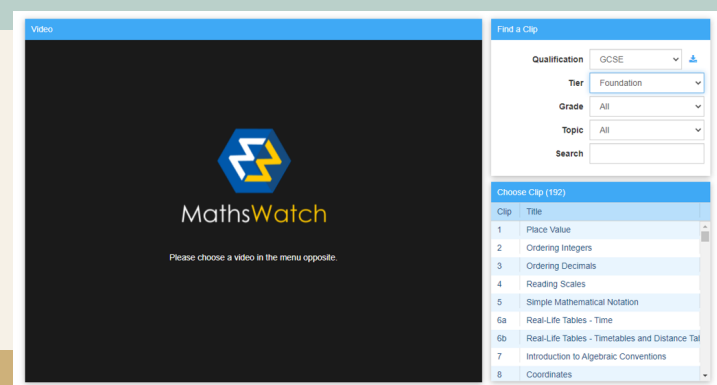
HIGHER

- You will be sitting a 90-minute higher calculator paper.
- Dependent upon your class there may be topics you haven't covered
- To assist with revision go onto MathsWatch (your teacher will help you with your login and password if you aren't sure)
- Select: Videos
- Qualification: GCSE
- Tier: Higher
- You can then scroll through the list and pick topics to revise. There will be examples and questions for you also to complete. Remember there will still be a few topics you haven't yet been taught. Your assessment will be a full GCSE paper similar to one that you will be sitting at the end of Year 11. this then indicates where you are as of today.



LOWER

- You will be sitting a 90-minute lower calculator paper
- Dependent upon you class there may be topics you haven't covered
- To assist with revision go onto MathsWatch (your teacher will help you with your login & password if you aren't sure)
- Select: Videos
- Qualification: GCSE
- Tier: Foundation
- You can then scroll through the list and pick topics to revise. There will be examples and questions for you also to complete. Remember there may still be a few topics you haven't yet been taught. Your assessment will be a full GCSE paper similar to one that you will be sitting at the end of Year 11. This then indicates where you are as of today.



YEAR 10 SCIENCE

TIPS FOR REVISING TRILOGY



TRILOGY

You will sit three papers for science as your end-of-year 10 exams: one on each of biology, chemistry and physics. The papers will cover topics that are on paper 1 for the GCSE course.

Biology topics:

1. Cell biology
2. Organisation
3. Infection and response
4. Bioenergetics

Chemistry topics:

1. Atomic Structure and the Periodic Table
2. Bonding, Structure and Properties of Matter
3. Quantitative Chemistry
4. Chemical Changes
5. Energy Changes

Physics topics:

1. Energy
2. Electricity
3. Particle Model of Matter
4. Atomic Structure

Revision resources:

- Tassomai
- Collins Revision guides include a mixture of notes, recap questions and exam-style practice material
- Freesciencelessons videos are a short and concise way to recap the content, www.freesciencelessons.co.uk/videos
- BBC bitesize has a comprehensive set of notes and explanations; www.bbc.co.uk/bitesize/examspecs/z8r997h
- Specification and past exam papers can be found on the AQA website, <https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464>

YEAR 10 SCIENCE

TIPS FOR REVISING SEPARATE SCIENCE



SEPARATE SCIENCE

You will sit three papers for science as your end-of-year 10 exams: one on each of biology, chemistry and physics. The papers will cover topics that are on paper 1 for the GCSE course.

Biology topics:

1. Cell biology
2. Organisation
3. Infection and response
4. Bioenergetics

Chemistry topics:

1. Atomic Structure and the Periodic Table
2. Bonding, Structure and Properties of Matter
3. Quantitative Chemistry
4. Chemical Changes
5. Energy Changes

Physics topics:

1. Energy
2. Electricity
3. Particle Model of Matter
4. Atomic Structure

Revision resources:

- Tassomai
- Collins Revision guides include a mixture of notes, recap questions and exam-style practice material
- Freesciencelessons videos are a short and concise way to recap the content, www.freesciencelessons.co.uk/videos
- BBC bitesize has a comprehensive set of notes and explanations;
Biology <https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7>
Chemistry <https://www.bbc.co.uk/bitesize/examspecs/z8xtmnb>
Physics <https://www.bbc.co.uk/bitesize/examspecs/zsc9rdm>
- Specification and past exam papers can be found on the AQA website;
Biology <https://www.aqa.org.uk/subjects/science/gcse/biology-8461>
Chemistry <https://www.aqa.org.uk/subjects/science/gcse/chemistry-8462>
Physics <https://www.aqa.org.uk/subjects/science/gcse/physics-8463>

YEAR 10 BUSINESS STUDIES

TIPS FOR REVISING BUSINESS STUDIES



Topic list for revision:

- Enterprise and entrepreneurship (1.1)
- Spotting a business opportunity (1.2)
- Business revenues, costs and profits (1.3.2)
- Cash and cash flow (1.3.3)
- Sources of Finance (1.3.4)
- Making the business effective (1.4)
- Stakeholders and technology (1.5.1 / 1.5.2)
- The economy and business (1.5.4)
- External influences (1.5.5)

Materials to use in revision:

- Theme 1 Knowledge Organisers, can be found in the Year 10 Business Studies Team
- Past Exam Revision Papers, these can be found in the Year 10 Business Studies Team
- PowerPoint Revision Presentations, these can be found in the Year 10 Business Studies Team
- Theme 1 Chains of Reasoning Booklets, these can be found in the Year 10 Business Studies Team
- Perfecting Business Technique Booklet, these can be found in the Year 10 Business Studies Team
- Tutor2u website <https://www.tutor2u.net/business/reference>
- BizConSesh YouTube Revision Videos (Edexcel Paper One & Edexcel Paper Two) https://www.youtube.com/channel/UCE9uWsZ2C3NYzzKRlo_mntw
- SENECA GCSE Business Studies Revision

YEAR 10 COMPUTER SCIENCE

TIPS FOR REVISING COMPUTER SCIENCE



Topic list for revision:

- 1.1 Systems architecture
- 1.2 Memory and storage
- 2.1 Computer networks, connections and protocols
- 2.1 Algorithms
- 2.2 Programming fundamentals

Materials to use in revision:

- Computer science knowledge organiser – titles the same as topic list
- Teach ICT login to complete all the different revision topics: [GCSE Computer Science 9-1 J277 OCR syllabus \(teach-ict.com\)](https://www.teach-ict.com)
- Pupils have been issued with an all-in-one Collins revision book they can write in.
- Dynamic learning to help with **2.2 programming fundamentals**.

Revision videos:

- 1.1 Videos: [GCSE \(J277\) OCR: 1.1 Systems architecture - YouTube](#)
- 1.2 Videos: [GCSE \(J277\) OCR: 1.2 Memory and storage - YouTube](#)
- 1.3 Videos: [GCSE \(J277\) OCR: 1.3 Computer networks, connections and protocols - YouTube](#)
- 2.1 Videos: [GCSE \(J277\) OCR: 2.1 Algorithms - YouTube](#)
- 2.2 Videos: [GCSE \(J277\) OCR: 2.2 Programming fundamentals - YouTube](#)

YEAR 10 DANCE

TIPS FOR REVISING DANCE



SECTION A

Knowledge and understanding of choreographic processes and performing skills

You will need to know your skills in all 4 areas, the NAME and DEFINITION.

- Physical
- Technical
- Expressive
- Mental

Performance skills – what do you need to do in a performance linking to the above skills.

Choreographics skills and devices – what do you need to think about and/or use when choreographing a piece. (You will be asked a hypothetical choreography question.) Make sure you know ACTIONS, SPACE, DYNAMICS, RELATIONSHIPS.

RESOURCES – *Skills booklet, Performance KO, Choreography KO, You should have these in your folders. Come and collect one if you haven't got one.*

SECTION B

Critical appreciation of own work

You will need to know all of the above but be able to answer questions about a piece you have created in lessons and also your performance of BREATHE.

RESOURCES – *Skills booklet, Performance KO, Choreography KO, feedback from assessment, videos of your classwork (on TEAMS).*

SECTION C

Critical appreciation of professional works

You will need to revise:

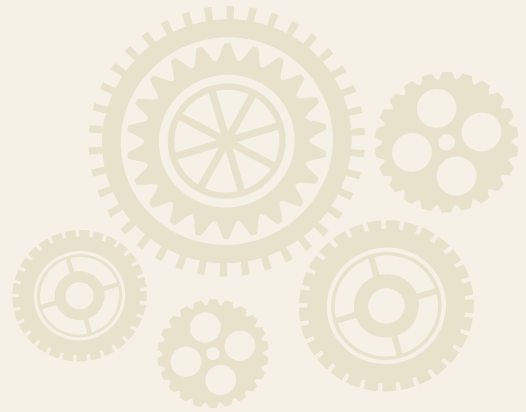
- INFRA
- EMANCIPATION OF EXPRESSIONISM
- SHADOWS

For each of these you will need to revise – COMPANY, CHOREOGRAPHER, CHOREOGRAPHIC INTENTION AND HOW MOVEMENT, COSTUME, LIGHTING AND SOUND RELATE TO THE CHOREOGRAPHIC INTENTION.

RESOURCES – *Booklets for each set work, KO for each set work. You should have these in your folders. Come and collect one if you haven't got one.*

YEAR 10 DESIGN & TECHNOLOGY

TIPS FOR REVISING DT (1)



What to specifically revise:

How is Kevlar Made – what are it's uses and properties?

- [WHAT IS KEVLAR? TYPES OF KEVLAR \(technologystudent.com\)](http://technologystudent.com)

Properties of Manufactured Boards – e.g. Plywood, MDF, Chipboard

- [REVISION CARDS - MANMADE BOARDS \(technologystudent.com\)](http://technologystudent.com)

What is 'Just In Time' production (JIT)?

- [Lean Manufacturing and JiT for GCSE D&T - YouTube](#)
- [Just in Time by Toyota: The Smartest Production System in The World - YouTube](#)

Forces and stresses

- [Forces and Stresses - YouTube](#)

Wood lamination process

- [Design and Technology \(D&T\) | KS3 | Laminating wood | BBC Teach - YouTube](#)

CNC router – Subtractive manufacturing. How does it work, Advantages & Disadvantages of CNC

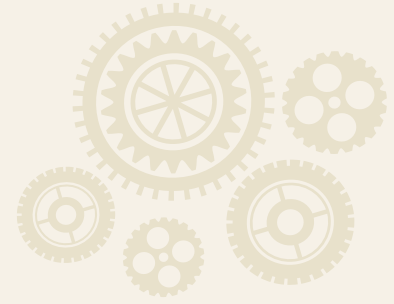
- [What is CNC Machining and How Does it Work? - YouTube](#)

Quality Control & Quality Assurance – What are they, what is the difference?

- [Quality Control \(technologystudent.com\)](http://technologystudent.com)
- [Quality Assurance \(technologystudent.com\)](http://technologystudent.com)
- [QUALITY CONTROL AND QUALITY ASSURANCE - EXAMINATION QUESTIONS AND ANSWERS \(technologystudent.com\)](http://technologystudent.com)

YEAR 10 DESIGN & TECHNOLOGY

TIPS FOR REVISING DT (II)



Timbers – How are trees converted to wooden planks/beams? How is plywood made?

- [PREPARATION OF TIMBER FOR COMMERCIAL USE - 1](#) (technologystudent.com).
- [Timbers - Timber-based materials - AQA - GCSE Design and Technology Revision - AQA - BBC Bitesize](#)

The impact of manufacturing products on the planet/environment? - Sustainability

- [Environmental Impacts Of Consumer Products - YouTube](#)
- [ENVIRONMENTAL IMPACT - PRODUCT LIFE CYCLE](#) (technologystudent.com).
- [Impact on the environment - New and emerging technologies - AQA - GCSE Design and Technology Revision - AQA - BBC Bitesize](#)

Ergonomics & Anthropometrics

- [Ergonomics and anthropometrics - Considering usability when designing - OCR - GCSE Design and Technology Revision - OCR - BBC Bitesize](#)
- [ANTHROPOMETRICS AND ERGONOMICS](#) (technologystudent.com).
- [BBC Bitesize Ergonomics - YouTube](#)

**Collaboration in Design – Advantages & Disadvantages.
Products that are designed through collaboration – Designers working together.**

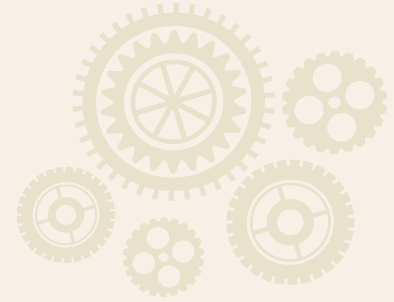
- [Collaboration and design fixation - Design strategies - Edexcel - GCSE Design and Technology Revision - Edexcel - BBC Bitesize](#)

Health & Safety in Workshop – Cutting Tools

- [5 Safety Golden Rules in Design & Technology - YouTube](#)
- [5 Safe Working Habits in Design & Technology - YouTube](#)

YEAR 10 DESIGN & TECHNOLOGY

TIPS FOR REVISING DT (III)



**Why are finishes added to timbers/
materials? Oil, Wax, Varnish, Paint**

- [Design and Technology \(D&T\) | KS3 | Finishing wood | BBC Teach - YouTube](#)
- [Timber Finishing Methods - YouTube](#)

**Advantages & Disadvantages of CAD
(2D Design, SketchUp)**

- [Design and Technology KS3/4: Why is CAD/CAM essential in design? - BBC Teach](#)
- [COMPUTER AIDED DESIGN AND COMPUTER AIDED MANUFACTURE \(technologystudent.com\)](#)

**Orthographic & Isometric Drawing –
Know how to draw in these techniques**

- [Orthographic Drawing - YouTube](#)
- [1st and 3rd Angle Orthographic Drawing differences. CIE IGCSE Design & Technology Graphic Products - YouTube](#)
- [Working drawings - Designing - AQA - GCSE Design and Technology Revision - AQA - BBC Bitesize](#)

**Why is modelling important?
Why do designers model to develop
ideas?**

- [Modelling - Designing - AQA - GCSE Design and Technology Revision - AQA - BBC Bitesize](#)
- [Design and Technology \(D&T\) KS3: Block foam modelling - BBC Teach](#)

How to revise:

- Make flash cards, Revision notes, 1 page per topic, Mind maps, A4 notes with diagrams, Construct a PowerPoint, Self-Quiz

Where to revise from:

- Links in the grid above, Knowledge Organiser, Grade 9-1 Design & Technology AQA Complete Revision CGP (£9 from Amazon), BBC Bitesize, BBC Teach on YouTube, TechnologyStudent.com, YouTube, Revision Notes from Year 10, The DT app – Apple App Store.

YEAR 10 GEOGRAPHY

TIPS FOR REVISING GEOGRAPHY



Your end-of-year assessment will consist of a mix of multiple choice, data response, skills, point and level marked questions. You should focus your revision on the following areas:

Natural Hazards

Tectonic Hazards
Impacts of hazards in the UK
Tropical Storms
Climate Change

Living World

Small scale ecosystems
Tropical rainforests
Desertification
Plant and animal Adaptations

Urban Issues

UK city case study
Regeneration
Urbanisation
Grid references

Useful revision materials:

- Knowledge Organisers via school website
- www.coolgeography.co.uk
- GCSE Pod
- CGP Geography Revision Guide (dark green)

YEAR 10 HISTORY

TIPS FOR REVISING HISTORY



The paper will be 1 hour 20 minutes and will contain the following questions:

Section A: Weimar and Nazi Germany

- Inference Question (4 marks)
- What is the main difference between two historical interpretations? (4 marks)
- How useful are Sources A and B for an enquiry into...? (4 marks)
- Explain why... (12 marks)

Section B: Elizabethan England

- Describe two features of... (4 marks)
- How far do you agree...? (16 marks) Choice of two questions.

Useful websites:

- [York University – helpful revision tips and links, as well as videos with revision techniques explained.](#)
- [BBC Bitesize – Content and revision quiz questions covering the main GCSE topics.](#)
- [Johndclare – Revision website aimed at GCSE.](#)
- [Oak National Academy – Website with online lessons and video tutorials made by teachers for learning from home.](#)

Useful videos:

You can also watch videos of the key topics by using one of the following:

- [BBC Bitesize & KS4 Revision](#)
- Timelines TV on [YouTube](#)
- [GCSE Pod \(GCSE Only\).](#)

These are short. Watch the video once. Then watch it a second time and write down any key bits of information.

Practice questions:

Have a go at answering some practice source and interpretation questions by finding the 'Revision' folder on MS Teams for your year group.

Padlet:

We have made an online archive with lots of revision materials on. You can scan the QR codes and they will take you to the Germany and Elizabethan websites.



YEAR 10 HOSPITALITY & CATERING

TIPS FOR REVISING H&C



Your end-of-year assessment will consist of a mix of multiple choice, data response, skills, point and level marked questions. You should focus your revision on the following areas:

What will my assessment look like?

As you know your course is assessed in two parts. *Unit 1 – The Hospitality and Catering Industry* which is worth 40% of your final mark will be assessed by you completing a written paper. The paper will take 60 minutes to complete. The paper will be a mix of shorter knowledge recall questions, multiple choice questions and some longer essay-based questions.

For *Unit 2 – Hospitality and Catering in action* which is worth 60% of your final mark will be assessed by pupils applying their knowledge to plan, prepare, cook and present dishes to meet the brief given. This will be internally assessed in a controlled assessment to be held in school in Year 11.

What topics should I prioritise for my revision and preparation?

The list of suggested topics below are what we recommend that you revise as you prepare for your assessment.

- LO1 Understand the environment in which hospitality and catering providers operate
- LO2 Understand how hospitality and catering providers operate
- LO3 Understand how hospitality and catering provision meets health and safety requirements
- LO4 Know how food can cause ill health.

You do not need to cover LO5.

We will be revisiting some of these in class to support you over the next few weeks, however, you must still ensure that you cover the key knowledge required through your own independent revision too.

Recommended revision resources:

- Hospitality and catering book by Anita Tull
- Hospitality and Catering study and revision guide
- Class notes, KOs
- Revision KO for each topic
- Question a day calendar
- Revision pack given at end of practical assessment
- All of the above excluding the books are on both SMH and on teams.

YEAR 10 LANGUAGES



Revision resources:

- www.kerboodle.com
Use your Kerboodle log in to access the online resources. The test and revise sections at the end of each chapter will be particularly useful.
- www.linguascope.com
Access the intermediate level resources for vocabulary and listening practice.
- <https://quizlet.com/>
Create and practise your own vocabulary revision resources online

TIPS FOR REVISING FRENCH

What should I know for Year 10 mocks?

THEME 1 – IDENTITY AND CULTURE

Topic 1 – Me, my family and friends

1. Relationships with family and friends
2. Marriage and partnership

GRAMMAR

Present tense
Avoir / être
Adjective agreements
Reflexive verbs
Possessive adjectives (mon, ma, mes)

Topic 2 – Free-time activities

1. Music
2. Cinema and TV
3. Food and eating out
4. Shopping

Present tense
Avoir / être
Adjective agreements
Reflexive verbs
Possessive adjectives (mon, ma, mes)

Topic 3 – Technology in everyday life

1. Social media
2. Mobile technology

Using pouvoir, vouloir and devoir + infinitive
Direct object pronouns (le, la, les)

THEME 2 – LOCAL, NATIONAL & INTERNATIONAL AREAS OF INTEREST

Topic 1 – House and home

1. Describing your home
2. Describing where you live
3. Talking about the amenities in your area
4. Advantages and disadvantages of living in the town or countryside

GRAMMAR

Use of il y a
Using prepositions to describe where things are
Asking questions
Negative phrases
Position and agreement of adjectives

YEAR 10 LANGUAGES



TIPS FOR REVISING GERMAN

What should I know for Year 10 mocks?

THEME 1 – IDENTITY AND CULTURE

Topic 1 – Me, my family and friends

1. Relationships with family and friends
2. Marriage and partnership

GRAMMAR

Present tense
(regular and irregular)
Separable verbs
Reflexive verbs

Topic 2 – Free-time activities

1. Music
2. Cinema and TV
3. Food and eating out
4. Shopping

Word order – Present tense
TMP
Adverbial phrases
Perfect tense (haben/sein)
Separable verbs in the perfect
Future tense

Topic 3 – Technology in everyday life

1. Social media
2. Mobile technology

Preferences
Conditional tense
Imperfect tense

Topic 4 – Traditions

1. Christmas
2. Easter

Using the perfect tense to talk about what you have done

THEME 2 – LOCAL, NATIONAL & INTERNATIONAL AREAS OF INTEREST

Topic 1 – House and home

1. Describing your home
2. Describing where you live
3. Talking about the amenities in your area
4. Advantages and disadvantages of living in the town or countryside

GRAMMAR

Use of es gibt + accusative case
Adjectives and agreements
Word order
Using mein / dein
Using prepositions to say where things are

YEAR 10 LANGUAGES



TIPS FOR REVISING SPANISH

What should I know for Year 10 mocks?

THEME 1 – IDENTITY AND CULTURE

Topic 1 – Me, my family and friends

1. Relationships with family and friends
2. Future plans
3. Marriage and partnership

GRAMMAR

Present tense
Ser/ estar
Adjective agreement (regular and irregular)
Reflexive verbs
Immediate future
Direct and indirect object pronouns

Topic 2 – Technology in everyday life

1. Social media
2. Mobile technology

Perfect tense
Verbs with prepositions
Question words
Present continuous

Topic 3 – Free-time activities

1. Music
2. Cinema and TV
3. Food and eating out
4. Sports

Irregular present tense
Boot shaped (radical changing) verbs
Using 2 verbs together
True Future tense
(regular & irregular verbs)
Adverbs

Topic 4 – Customs and Festivals

1. Spanish customs
2. Festivals in the Spanish Speaking world

Preterite (regular and irregular)
Imperfect
Using preterite and imperfect together

THEME 2 – LOCAL, NATIONAL & INTERNATIONAL AREAS OF INTEREST

Topic 1 – Home

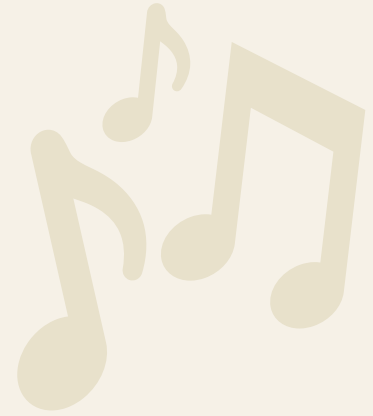
1. Describing your home
2. Describing where you live
3. Talking about the amenities in your area
4. Advantages and disadvantages of living in the town or countryside

GRAMMAR

Prepositions to say where things are
Quantifiers
Formulating complex questions
Using demonstrative pronouns
Using possessive pronouns

YEAR 10 MUSIC

TIPS FOR REVISING MUSIC



Section A questions – each question has an audio clip of the piece.
You will have to identify and explain element features for each.

Bach Brandenburg Concerto

- Texture changes from the start of the piece
- Instrumentation – roles of the players
- Which instruments play solo
- Which instruments play the continuo

Queen Killer Queen

- Genre and mood of the song
- Rhythms of the melody (swung)
- Studio effects
- Recording techniques

Beethoven

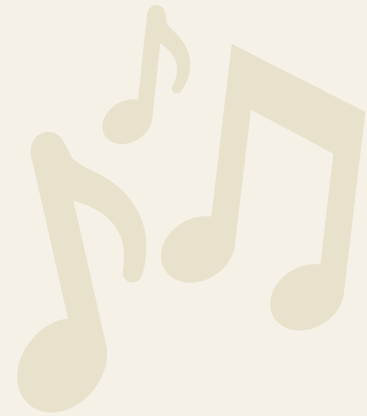
- Structure
- Melody features
- Dynamic contrasts
- Rhythm metre and tempo differences between the intro and exposition

Purcell

- Structure
- Instrumentation – roles of the players
- Tonality
- Text setting/melody

YEAR 10 BTEC MUSIC

TIPS FOR REVISING BTEC MUSIC



UNIT 1: THE MUSIC INDUSTRY

Learning Aim A: Understand different types of organisations that make up the music industry

Venues and live performances

Small and medium local venues
Large multi-use spaces

Health, safety and security at venues

Responsibilities
Audience / Staff Safety
Risks
Venue policies

Production and Promotion

Recording companies – major/indie
Music Publishing – major/self
Promoters – Concert, club, festival
Broadcasting – TV, radio, internet
Marketing and distribution – Online, retail, social media

Service companies and agencies

Royalty collection agencies – PRS, MCPS, PPL
Artists' representation – management, PR, agents, stylists
Hire companies – sound and light equipment, rehearsal and studio space
Transport companies – equipment, tours

Unions

MU
Equity
BECTU
How unions support those in the industry

Job Roles

Media and other roles
Recording roles
Management and promotion roles
Performance/Creative Roles

Employment Patterns

Contracts

Resources

Unit 1 Worksheets, revision and material and resources can be found in MS Teams class files

YEAR 10 PHYSICAL EDUCATION

TIPS FOR REVISING PE



Students will be required to revise all topics covered so far. This includes:

Anatomy and Physiology

- The structure and functions of the musculoskeletal system
- The structure and functions of the cardiorespiratory system
- Anaerobic and aerobic exercise
- The short- and long-term effects of exercise

Sports Psychology

- Classification of skills (basic/complex, open/closed)
- The use of goal setting and SMART targets to improve and/or optimise performance
- Guidance and feedback on performance
- Mental preparation for performance

Physical Training

- The relationship between health and fitness and the role that exercise plays in both
- The components of fitness, benefits for sport and how fitness is measured and improved
- The principles of training and their application to personal exercise/ training programmes
- How to optimise training and prevent injury
- Effective use of warm up and cool down

Recommended revision materials

- Student workbooks
- Knowledge Organisers
- **GCSE PE revision guide:** Revise Edexcel GCSE (9-1) Physical Education Revision Guide:) (Revise Edexcel GCSE Physical Education 16) – available in the school shop

YEAR 10 PSYCHOLOGY

TIPS FOR REVISING PSYCHOLOGY



Topic list for revision:

Memory

- Processes of memory: encoding (input) storage and retrieval (output)
- Structures of memory
- Memory as an active process

Research methods

- Formulation of testable hypotheses
- Types of variable
- Research procedures
- Sampling methods
- Designing research
- Correlations
- Planning and conducting research
- Ethical considerations
- Quantitative and qualitative data / Primary and secondary data
- Descriptive statistics
- Interpretation and display of quantitative data
- Normal distributions
- Computation

Development

- Early brain development
- Piaget's stage theory and the development of intelligence
- The role of Piaget's theory in education
- The effects of learning on development

Perception

- Sensation and perception
- Visual cues and constancies
- Visual illusions
- Gibson's direct theory of perception – the influence of nature
- Gregory's constructivist theory of perception – the influence of nurture
- Factors affecting perception

Recommended revision materials

- Knowledge Organisers, can be found on SMHK
- Past Exam Revision Papers, these can be found on the AQA website
- Essay plans for each topic - attached here and provided in lessons
- Topic booklets issued in class
- Psychboost video links – see SMHK and separate list
<https://psychboost.com/gcse/>

YEAR 10 RELIGIOUS STUDIES

TIPS FOR REVISING RS



The Religious Studies Mock Exam will comprise two papers, each lasting 1 hour and 15 minutes.

Paper One is on Christianity. To complete this paper you will need to know:

Key Christian beliefs, including:

- The Nature of God
- The Trinity
- Differing Views on Creation
- The Problem of Evil
- The Incarnation
- Jesus's Last Days
- Eschatology

Matters of Life and Death, including:

- The Value of the Universe
- The Sanctity of Life
- The Origins of Life
- Abortion
- Euthanasia

Paper Two is on Islam. To complete this paper you will need to know:

Key Islamic Beliefs, including:

- The Sunni Shia Split
- Risalah (Prophethood)
- The Holy Books
- Malaika (Angels)
- Akhirah (Life After Death)
- Al-Qadr (Predestination)

Peace and Conflict, including:

- Peace and Peace-Making
- Pacifism
- Passive Resistance
- Islam and Conflict (including Jihad)
- Holy Wars and Just Wars
- Weapons of Mass Destruction

Recommended revision materials

- Knowledge Organisers
- Booklets given out in class
- Videos on GCSE Pod
- Study materials on BBC Bitesize:
 - [Key Christian Beliefs - Last days – the Last Supper and Jesus' betrayal, arrest and trial](#)
 - [Matters of Life and Death - Abortion and euthanasia](#)
 - [Key Muslim Beliefs - The six beliefs of Sunni Islam](#)
 - [Peace and Conflict - War and peace](#)

MY HALF-TERM REVISION TIMETABLE

	9.00 - 10.00	10.15 - 11.15	11.15 - 12.15	1.15 - 2.15	2.15 - 3.15	3.30 - 4.30	8.00 - 9.00
MONDAY							
TUESDAY							
WEDNESDAY							
THURSDAY							
FRIDAY							
SATURDAY							
SUNDAY							

NOTES



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HIGH SCHOOL