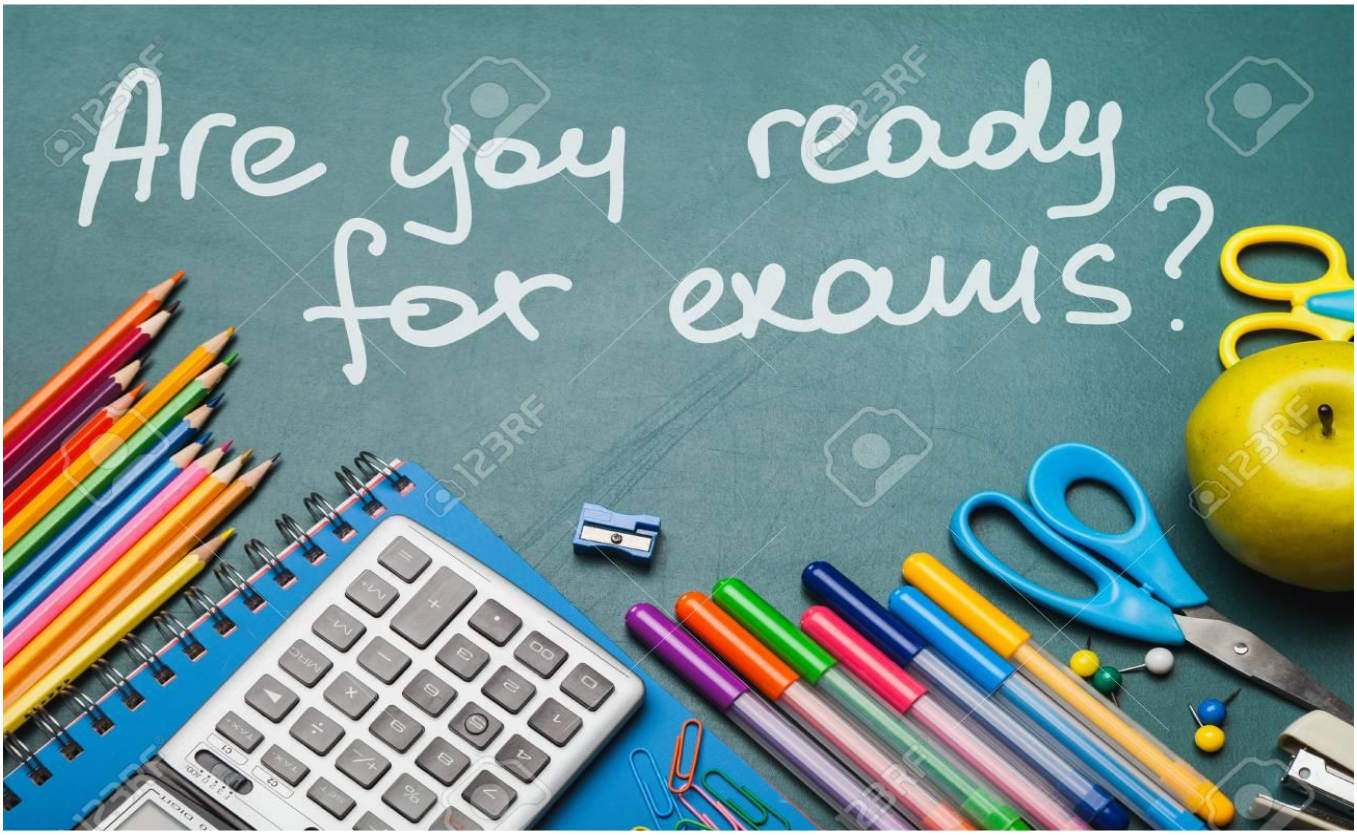

Year 9 : Exams Period
Subject Revision Guidance

5th-21st May 2026

You can access an online version of this revision guide on our website.

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Exam Timetable

Notes:

i) **Follow only the column that corresponds to your teaching group on pages 3 & 4 (C,H,S, L,E, U & R).**

ii) **For English, Maths and Science, follow the column with the correct class code (A1, A2, A3, A4, B1, B2 or B3)**

iii) **GL assessments will be held in the Main Hall/Conference Suite**

Date	C/A1	H/A2	S/A3	L/A4
Tuesday 5th May	English GL P4 & 5	English GL P4 & 5	English GL P4 & 5	English GL P4 & 5
Wednesday 6th May	Maths GL P4 & 5	Maths GL P4 & 5	Maths GL P4 & 5	Maths GL P4 & 5
Thursday 7th May	Science GL P4 & 5	Science GL P4 &5	Science GL P4 & 5	Science GL P4 & 5
Friday 8th May	Music P1	Computing P1	Computing P5	Maths P3
Monday 11th May	Maths P3	Maths P3	Maths P3	Computing P2
Tuesday 12th May	French P5	Science P2	Science P2	Science P2
Wednesday 13th May	Computing P3	English P1	English P1 Music P3	English P1
Thursday 14th May	RS P4	Art P2	French P4	RS P2
Friday 15th May	History P1	French P1	Geography P1	Art P1
Monday 18th May	Geography P1	Music P1	History P5	Geography P5
Tuesday 19th May	English P4	Geography P2	RS P2	History P2
Wednesday 20th May	Art P5	History P5		Music P1
Thursday 21st May	Science P3	RS P5	Art P2	French P2

Date	E/B1	U/B2	R/B3
Tuesday 5th May	English GL P4 & 5	English GL P4 & 5	English GL P4 &5
Wednesday 6th May	Maths GL P4 & 5	Maths GL P4 & 5	Maths GL P4 & 5
Thursday 7th May	Science GL P4 & 5	Science GL P4 & 5	Science GL P4 & 5
Friday 8th May	Geography P1	Art P1	Spanish P3
Monday 11th May	Art P4	RS P2	Music P4
Tuesday 12th May	Science P3		Science P3 History P4
Wednesday 13th May	English P1	English P1 History P4	
Thursday 14th May	Music P2	Science P1 Spanish P2	
Friday 15th May	RS P1	Music P1	Geography P2
Monday 18th May	Computing P5	Computing P1	Art P5
Tuesday 19th May	Spanish P1	Geography P4	Computing P4
Wednesday 20th May	History P1		RS P1 English P3
Thursday 21st May	Maths P4	Maths P4	Maths P4

Why these exams matter…

It is important that you take every exam session throughout your school career seriously. This will build your confidence and positive attitude towards examinations.

Therefore, getting into good exam revision habits now will make it easier to adjust to the demands of sitting your GCSE exams. You will know what techniques work for you (and maybe what might not work for you) for your revision and the experience will be less stressful as it will be something you are well used to. **Remembering more now also makes learning easier in future years**, as you will have more in your long-term memory to link it to.

Your teachers, form tutors and head of year are all here to help you – so please do speak to them if you are worried about any aspect of your upcoming exams!

General Study Tips

Preparing for exams is a big task. You need to revisit all the learning from across your course of study and ensure that you can bring it to mind, unaided, under exam conditions. There's no way to make the exams easy, but you can take the pressure off if you've done your revision right.

Get The Basics Right

- Limit any distractions (e.g. mobile phone, noise)
- Create and use a revision plan
- Find a nice quiet space to revise in
- Revise. Repeat. Remember
- Make sure you eat, drink water, sleep and take time out
- Stay positive

Revision Timetable

Organisation is key to your success at exams. It will make revision much easier if you have set out time for revising each subject. Use the half-term holidays and weekends to plan your revision, making sure you do a spread of subjects.

Here are some important points to remember when planning your revision.

- Be realistic and plan time away from revising to avoid burn-out!
- Leave your phone turned off/on silent in a different room whilst you are revising
- Be focused: in every hour, only work for 50 minutes at a time and take a break away from your revision for the other 10 minutes
- On a school night, in Years 7-9, do no more than 2 hours revision each night.
- Planning helps you to balance your time so that you don't spend all your time revising one subject
- If you share your revision plan with friends or family then you are more likely to stick to it
- Make sure you give yourself some evenings or weekends off to allow time to relax and do the things you want to do and enjoy doing

Top Tips to help you revise:

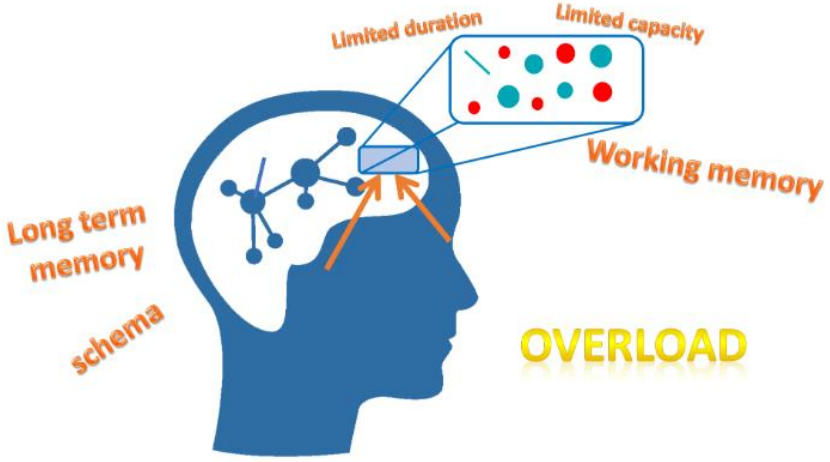
For some great tips on how to revise, or click on this link

Committing to Long-term Memory

Learning something, means it is stored in your **long-term memory.** Studies of the brain show that there is no limit to how much information can be stored in it.

Our **working memory**, however, is limited in how much it can store at one time. Think of it like trying to memorise a box full of objects in 5 minutes. You may remember quite a few, but you won't remember them all. It's like trying to pour more water into a cup, when it's already overflowing. We call this **cognitive overload.**

Therefore, **effective revision** must commit information to the long-term memory, which is essential to succeed in exams. The key is to **practise lots** over a longer period of time and **practise retrieving information** regularly.



Revision Tools

There are lots of ways to revise and finding one that suits you can be hard. You might find that different subjects require a different way to revise, but that's good. Changing the way you revise can keep it interesting and accessible.

Below are some suggestions you can try out to see what you like the best.

What to do.....	How to do it.....	Top Tips.....
Use **Class notes**	**Read** your Class Notes, then **reduce them** down to a smaller amount of your own words. Then **practise re-reading them and test yourself.**	Colour code your work. e.g. Maths could be Blue, Science Red . This could be coloured paper, sticky notes or highlighters.
Do practice questions	Your teacher may have some and there some examples in each subject booklet.	Get the mark scheme too then you can correct your answers and make improvements.

Deliberate Practice	Set aside time to **practise improving your knowledge**. Choose what you need to do.	It should be difficult enough to challenge you, and practise, practise, practise! Try to focus on something you are almost able to do but just not yet!
Flash cards	Create these with **questions on one side and the answers on the other.** You can **colour code** them for different topics and quiz yourself or others. You can also **create flashcards on-line or on your phone using Quizlet.** https://www.youtube.com/watch?v=6-YMt6xsCPQ&t=68s	Keep them in your blazer pocket look at them on the bus on the way to and from school or on a boring journey.
Retrieval Practice	**Testing yourself regularly** for what you know is a really powerful tool in revision. The effort to remember something really strengthens your memory.	Use the **subject revision guides** to help you. **Read, Cover, Repeat** is a good strategy. Types: Multiple choice; True or false; odd one out; explanation questions.
Interleaving & Spacing	Avoid trying to revise all your topics in one go (cramming). Plan more time on the topics you know are harder or have more information.	Revise chunks of a topic for small amounts of time (15 mins) and then move onto another chunk. This will improve your memory.
Make yourself voice notes	**Record yourself saying revision quotes**. This could be formulae for Maths or Science, French or Spanish speaking assessments or quotes in English.	**Listening to the voice notes over and over** will help you to recall and remember information. Try repeating the words whilst listening back.
Download revision Apps to your phone or tablet	Lots of app stores now have free revision apps for GCSE to download.	Apps are a really convenient way to revise. You can take them anywhere and revise at any time.
Watch videos and make notes as you watch	BBC bitesize YouTube	There are lots of different video styles out there, find one you like and use it regularly. Just don't get distracted! Your teachers may have specific videos to recommend.

Exam Wellbeing

Feeling stressed, worried, or under pressure around exams can be difficult to manage. But there are things that can help – it's about finding what works for you.

Tips for coping with the exam period

Exams can feel like a lot, but there are things you can do to improve your wellbeing during this time. Use these tips and ideas to help you cope at different times.

Looking after yourself during exam period:

- Make time for things you enjoy
- Talk to others about how you feel
- Try to find balance
- Take care of your physical health
- Focus on yourself

Looking after yourself while preparing for an exam:

- Find a study group
- Make a revision timetable
- Work in the best way for you
- Revise in the best place for you

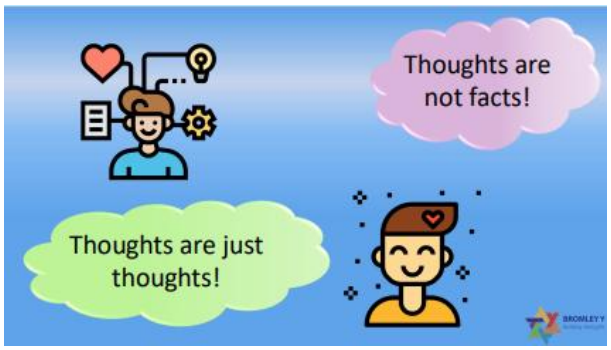
Looking after yourself on the day of your exam:

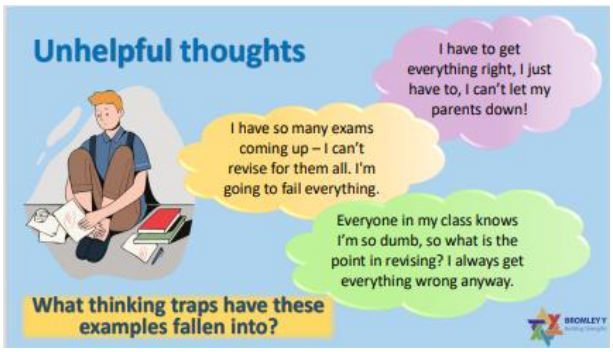
- Prepare your items the night before
- Start your day the best you can
- Try to ground yourself with a breathing exercise
- Take your time
- Remind yourself that it'll be over soon

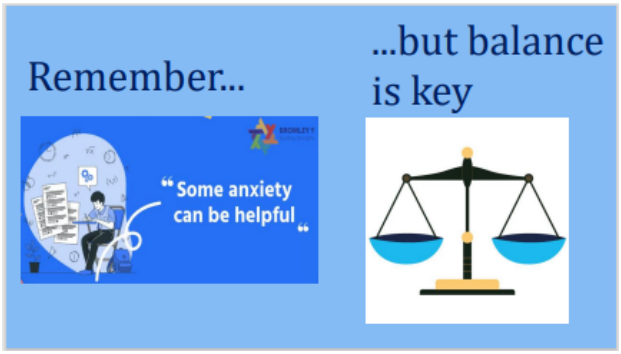
<u>Looking after yourself after your exam:</u>

- Try not to compare your answers to others
- Reward yourself
- Focus on next steps
- Relax before your next exam

If you are experiencing negative thinking around this time, use these slides from Bromley Y to help question your thinking:







Art

What your exam will look like:

- A 45-minute practical task
- Creation of a photo weave using two printed images
- Combining a portrait and a flower through weaving techniques
- Focus on accuracy, craftsmanship, and composition
- Short reflective writing (3–4 sentences)

Revision List

All topics this year which includes:

- Photo Weaving Techniques (straight weave, diagonal weave, alternating strips, pattern variation)
- Composition Skills (balance, contrast, focal point, visual flow)
- Portrait Studies (facial structure, tone, contrast, key features)
- Floral Imagery (shape, texture, colour, organic forms)
- Mixed Media Skills (cutting accuracy, alignment, layering, presentation)
- Artist Research (artists who combine photography and mixed media, portrait-based collage artists)
- Key Art Vocabulary (composition, contrast, texture, alignment, craftsmanship, integration)

How to prepare for your exam:

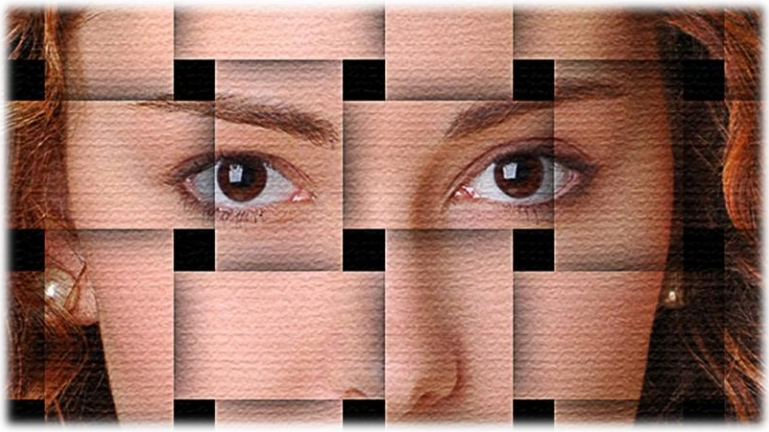
- Practise cutting evenly spaced strips from printed images
- Try weaving two photos together at home (any images will work)
- Experiment with different weaving patterns
- Study examples of portrait-based mixed media
- Consider how colour and tone interact between two images
- Think about how to keep the final piece neat and well-aligned

To get the very top marks:

- Clean, accurate cutting with consistent strip width
- A well-planned weaving pattern that enhances the final image
- Strong contrast and clear integration between portrait and flower
- Careful alignment with no gaps or overlaps
- A thoughtful self-evaluation showing understanding of strengths and next steps
- Confident presentation with edges trimmed neatly

Useful weblinks

- Mixed media and collage – BBC Bitesize Art & Design
- Composition and visual elements – BBC Bitesize Art & Design
- Tate Kids – Photography and collage resources
- Beginner-friendly photo weaving tutorials (YouTube)



Computing

What your exam will look like:

- One online quiz : 45 mins & extra time for essay
- (in normal Computing lesson, prior to the exam above) - One written exam – 45 minutes ethics essay.

Revision List

- Networks (packets, hardware, types of networks, protocols)
- Programming (sequence, iteration, output, Turtle, variables)
- Spreadsheets (formulas)
- Logic (operators, real world example)
- Websites (HTML (images, hyperlink) CSS, JavaScript)
- Binary (numbers – conversion, addition)
- Hardware (Memory)

How to prepare for your exam:

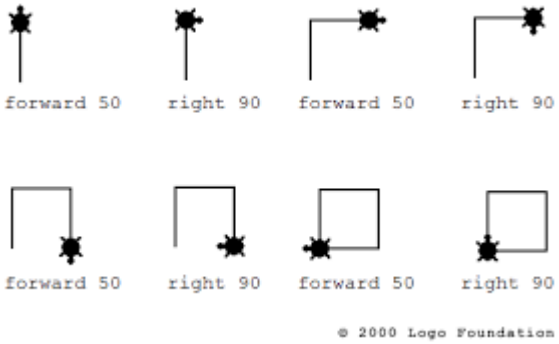
- Research the impact and risks of digital technology on society.
- Read over all work done regarding the topics above.
- Mind map all topics above by going over all work done in lessons.
- Do Bitesize Quizzes
  Go over PowerPoints on SharePoint and Revision worksheets done in class.

To get the very top marks:

- A **clear understanding** is shown through the use of at least three relevant arguments for **and** one argument against (or vice versa) the impact of smartphone growth. The student has presented well-reasoned arguments that are clear, accurate and use correct and detailed technical language **throughout**.

Useful weblinks

• Essay - The impact and risks of digital technology on.pptx • **Year 8 – Scratch** • **Year 8 – Small Basic** • **Year 8 – Spreadsheets** • Year 9 programming • Year 9 websites • Year 9 networks 1.pptx	**BBC Bitesize Quiz** **Networks** **Flowcharts** **Spreadsheets** **Hardware and software** **Logic Gates** **Binary** **Programming**



English

What your exam will look like:

- The exam will be 45 minutes long
- You will be writing a speech. You will be given the choice of two speech topics and will need to choose one to write your speech about. You will have a planning sheet to complete before you start writing your speech.
- You will have 10 minutes to plan, 30 minutes to write the description and 5 minutes to check your work
- You should ensure you write using paragraphs
- The equipment you will need: a pen

Revision List

Writers' Viewpoints & Perspectives (Spring 2) – see below.

How to prepare for your exam:

- You will have a preparation lesson before your exam. In this you will study a speech (about a topic you will have in the exam), plan and write a speech. You will complete the same planning activities as in the exam.
- Your teacher will upload revision resources to Class Charts that will allow you to revise the skills you will need for the exam
- Read through any persuasive writing assessments you have completed and read through any EBI and FIT feedback you have been given on this work
- Revise DAFORREST techniques, a range of punctuation and sentence types – you need to be able include them in your speech writing
- Watch a range of speeches online – TED Talks, Michelle Obama, Harvey Milk, Malala Yousafzai, Emmeline Pankhurst etc
- Revise your Language Paper 2 lessons from Spring 2

To get the very top marks:

- Communicate clearly
- Match the tone, style and register to the purpose, form and audience
- Use a range of high level vocabulary for effect with a good level of accuracy
- Include a range of DAFORREST successfully

- Use a range of connected ideas in an engaging way
- Use coherent paragraphs with a range of discourse markers
- Demonstrate an effective use of structural techniques
- Use a range of sentence types for effect
- Use a range of punctuation with a good level of accuracy

Useful weblinks:

- **Class Charts** **Log into your account**
- **Non-fiction writing - KS3 English - BBC Bitesize**
- **Punctuation - KS3 English - BBC Bitesize**
- **Grammar - KS3 English - BBC Bitesize**
- Unit: Rhetoric: Writing rhetoric | KS3 English | Oak National Academy
- Unit: Language Skills - Non-Fiction - Writing | KS3 English | Oak National Academy
- **Talks by brilliant kids and teens | TED Talks**

Geography

What your exam will look like:

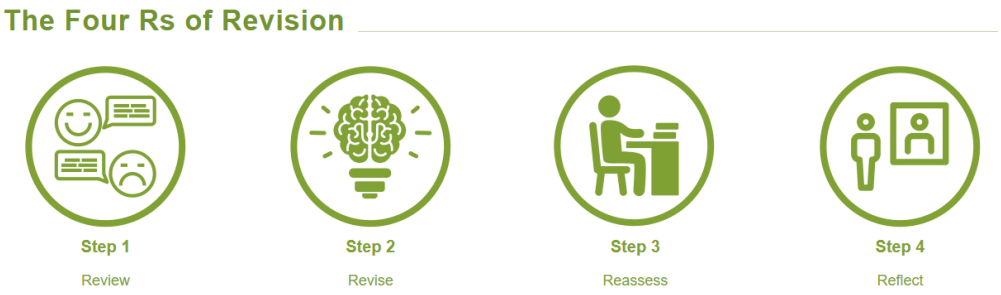
- 45 minutes long
- Extended writing with SPaG marks awarded
- Map and graph skills
- Definitions and key terms
- Short answer questions ranging from 1 mark to 6 marks

Revision List

- **Challenging Planet** (tourism, coasts, tectonics)
- **Death by Geography** (sweatshops and industry, gender inequality, dark tourism, nuclear power)
- **Development** (factors affecting our view of the world, development indicators, West Africa regional study)

How to prepare for your exam:

Four Rs of Revision - Internet Geography (click on link)



To get the very top marks:

- Case study specific examples- try to learn 4 or 5 facts/data for each named location you have studied- create a mind map for each case study of these key facts
- Following the command words and BUG the question if you are not sure of what it is asking you
- So What technique

Useful weblinks

- Marine erosion processes- Time for Geography
- Hard engineering approaches to coastal management- Time for Geography
- Soft engineering: Beach management- Time for Geography
- Structure of the Earth- Time for Geography
- The theory and discovery of plate tectonics- Time for Geography
- Tectonics, lava and different types of volcano- Time for Geography
- What is fast fashion? - KS3 - The Regenerators - BBC Bitesize
- Female revolution - KS3 Humanities Geography - BBC Bitesize
- Development - KS3 Geography - BBC Bitesize
- The Holderness Coast Case Study - Internet Geography

History

What your exam will look like: 45 minutes long

Section A – Multiple choice questions on the topics you have covered in history this year.

Section B – Which event had the most significant consequences [event A] or [event B]?

How to prepare for your exam and how to get top marks:

Developing – You will explain what made one of the events [a or b] significant. You will give at least at least two pieces of specific supporting information.

Secure – You will write a paragraph about event A and a separate paragraph about event B explaining why each event was significant. Your evidence is specific, but you may only discuss one type of significance (e.g. long lasting / number of people impacted / shocking / big turning point / big impact). You may make a judgement at the end of your answer in a conclusion, deciding what you will argue at the end of your answer.

Exceeding – You will have a sustained argument (an introduction stating which event you will argue was most significant, points starting each paragraph which restate this argument and links at the end of each paragraph reminding the reader how your paragraph has proved you are correct). You will write a paragraph about both events, including specific supporting information and at least 2 different types of significance each event had). Your conclusion will directly compare the two events explaining why one event was more significant than the other.

Useful revision resources

- Russian revolutions – page 29 of your KS3 history revision booklet.
- American West – pages 30-31 of KS3 history revision booklet.
- Cold War & Terrorism – pages 32-33 of KS3 history revision booklet.
- Modern China – pages 34-35 of KS3 history revision booklet.

Revision List

Year 9 History **Personal Learning Checklist**	**Emerging** I know what this topic is about/ understood it when we did it in class.	**Developing** I have made my own revision notes/flashcards on this topic	**Secure-Exceeding** I have tested myself/got someone else to test me on this topic (remembering key details without looking at notes)		
Russian revolutions: What caused the February & October revolutions?					
Russia's rulers: How significant were the rulers Tsar Nicholas II, Provisional Government, Lenin & Stalin?					
American West: What was life like for Native Americans before Europeans arrived? What was life like for early pioneers, settlers and miners? How did interactions between European settlers and Natives change? Why did the USA fight a war of independence from Britain? What was America like by the 1920s?					
Cold War: Why did America & Russia become enemies after WW2? What was the Cold War & why did it happen? How real was the threat of M.A.D?					
Modern China: What similarities were there between the Ming & Qing and their contemporary British dynasties. How significantly did life in China change in the 20th century? Why did this occur?					

Maths

What your exam will look like:

- Calculator Paper - 45 minutes long
- Full maths set required - two pens, pencil, ruler, protractor, a pair of compasses, rubber, sharpener , calculator.

Revision List

Number:

- Calculations with decimals, fractions and decimals
- Rounding to decimal places
- Ratio
- Factors, multiples, HCF and LCM

Algebra:

- Simplifying expressions
- Expanding and factorising
- Solving linear equations including x on both sides
- Solving simple inequalities
- Setting up equations in geometrical context
- Linear functions, plotting linear graphs and finding and using the equation of the line.
- Use of formulae and rearranging
- Sequences – linear sequences, Nth term

Geometry:

- Properties of 2D and 3D shapes
- Plans and elevations
- Angle reasoning – parallel lines, triangles, angles in polygons
- Perimeter and area - simple and compound 2 D shapes including circles
- Volume - cubes, cuboids, triangular prisms and cylinder
- Transformations – rotation, translation, reflection

Data and probability:

- Scatter graphs
- Two-way tables
- Averages and range of discrete data
- Frequency Trees

- Frequency tables
- Grouped data

How to prepare for your exam:

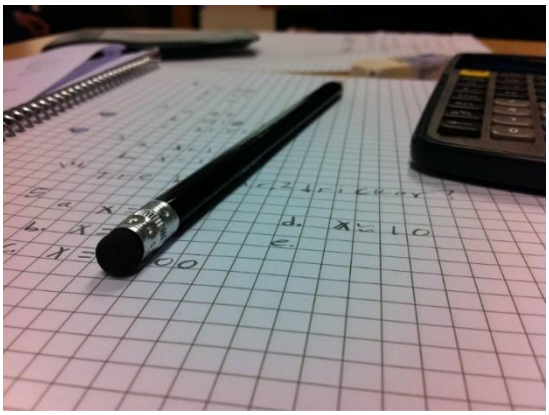
- Complete all weekly HW set on Sparx maths
- Use Sparx Independent learning section based on the feedback given in diagnostic sheets
- Go to Sparx XP Boost section for extra practice including times tables

To get the very top marks:

- Clearly show your working
- Check over your answers and final calculations
- Work on a variety of problems, from easy to challenging ones.
- **Break problems into smaller steps.**
- Don't spend too much time on one question. If you're stuck, move on and come back to it later.
- Spend a little time every day revising and practicing
- Write down important formulas, steps for solving problems, and tips
- If you're struggling with a topic, don't hesitate to ask your teacher or a classmate for help

Useful weblinks.

- https://www.corbettmaths.com
- https://www.sparx.co.uk
- https://www.mathsgenie.co.uk



Modern Foreign Languages

Modern Foreign Languages at KS3 are French or Spanish

What your exam will look like:

Translation (10 mins)
Writing (30 mins)

Revision List

- Talk about mealtimes and healthy eating
- Talk about sports you do
- Talk about your fitness regime
- Talk about your weekend routine and what you do in your free time
- Talk about a family celebration (opinion, activities, food, clothes)
- Describe a French/Spanish tradition
- Describe a celebrity

How to prepare for your exam:

1) **Create flashcards** – write down a word or a phrase in French/Spanish on one side and the English translation on the other. Then use these to test yourself or ask someone to test you using them.

2) **Mind maps** – write down key vocab and phrases with English on a topic/unit of work. Make it colourful and/or add images to help you remember.

3) **Memrise/Quizlet** – work through vocabulary lists linked to your unit of work on www.memrise.com or www.quizlet.com

4) **BBC Bitesize** – videos and quizzes available to practise topics you have done in lessons (https://www.bbc.co.uk/bitesize/subjects/zgdqxnb)

5) **Conjuguemos** – practice grammar points with fun activities
https://conjuguemos.com/

6) **Sentence builders** - practice writing extended sentences about the different topics

To get the very top marks:

Write extended sentences including the following aspects:

- ❑ Range of connectives (and/but/also)
- ❑ Opinions (I like)
- ❑ Reasons (because it is)
- ❑ Negatives (I don't like)
- ❑ Intensifiers (very/quite/a bit)
- ❑ Time phrases/expressions of frequency (Normally/every day)
- ❑ Present tense (regular and irregular)
- ❑ Past tense (perfect and imperfect)
- ❑ Near and simple future tense (I am going to go/I will go)
- ❑ Conditional tense (I would like)
- ❑ Other people (My brother likes...)

Make sure your adjectives agree with the gender and quantity of the noun

Useful weblinks

www.memrise.com
www.quizlet.com
KS3 Modern Foreign Languages - BBC Bitesize
https://conjuguemos.com/

Music

What your exam will look like:

The music exam will be in three parts and will be 45 minutes long.

Section A will require you to listen to music and answer questions about it. The questions will still be about the styles and elements of music that we have studied this year, but will relate specifically to the music you can hear.

Section B will require you to remember facts about the styles and elements of music that we have studied this year, e.g. 20th Century classical music, chords and chord progressions, and the Classical period.

Section C will test your notation reading, and will require you to accurately interpret information about a piece of written music in treble and bass clef notation as well as triad chords.

Revision List:

- The history and characteristics of classical music of the 20th Century
- The history and characteristics of music from the Classical period
- Treble and bass clef notation reading up to two leger lines
- Rhythm notation
- Key signatures, sharps, flats, and naturals
- Time signatures
- Chords and chord progressions used in popular songwriting
- Dynamics and Tempo terms
- Instruments of the orchestra and instruments used in popular music

How to prepare for your exam:

- Use your music booklet to help you revise
- Use your Teaching Gadget login to revise any topics you are less confident on (Username: CHSFG Password: music123)
- You could add the note names and chords to a piece you're not currently learning in your booklet as good practice
- Use musictheory.net to practise notation reading

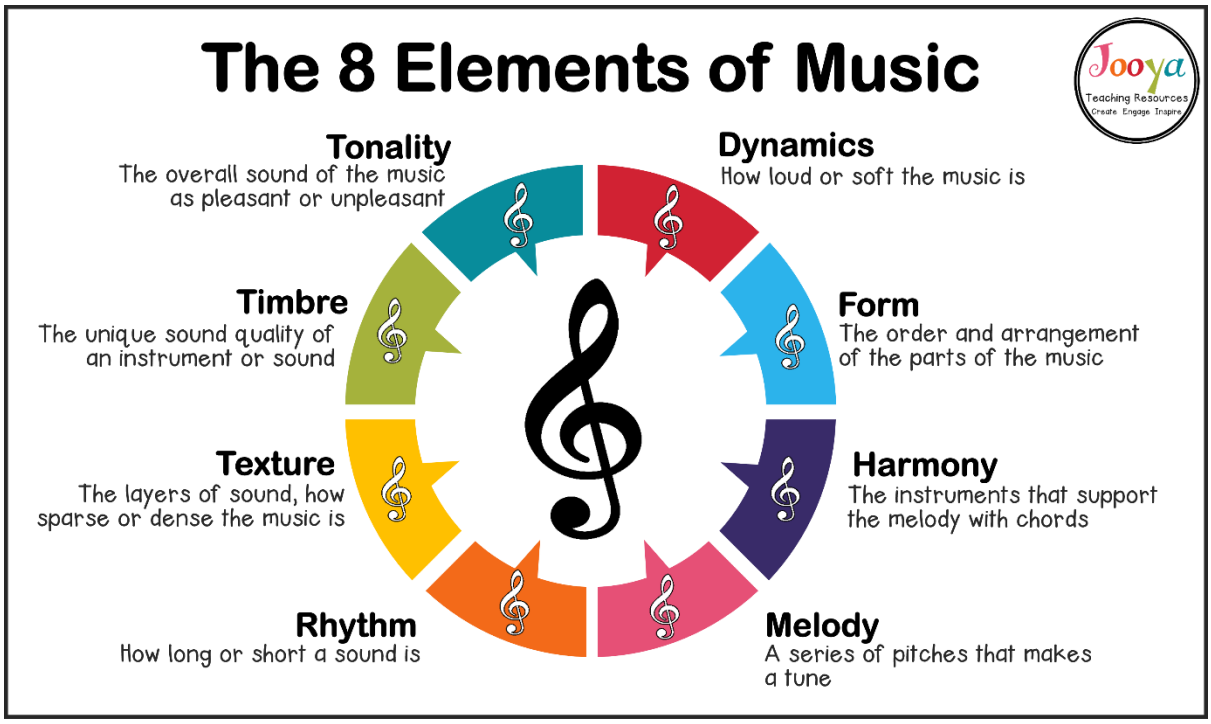
- Listen to lots of different music, and practice using musical language to describe it, e.g. in this piece, the flute plays very high pitched notes in a scale/this piece is allegro and forte

To get the very top marks:

- You will need confident and fluent treble and bass clef notation reading skills
- You will need to take your time and make sure you've looked at all the information to help you with your answer

Useful weblinks

- https://www.musictheory.net/exercises/note
- Minimalist - Musical periods and styles - National 5 Music Revision - BBC Bitesize
- Classical - Musical periods and styles - National 5 Music Revision - BBC Bitesize
- Writing songs - KS3 Music - BBC Bitesize
- https://07588418-my.sharepoint.com/personal/llowing_chsfg_co_uk/Documents/KS3 Teaching 2025/GR Exam booklets/www.teachinggadget.comteachinggadget.com



Religious Studies

What your exam will look like:

- 45 minutes long
- Multi choice questions.
- Exam question style statements 12-mark questions for GCSE level AQA.
- 4-mark structure is- point/explain with example. Point/explain with example.
- 6-mark structure is- Two points linked to a religious text. This could be a teaching, quote, parable, miracle, religious story.

Revision List

Philosophy and Religion- Big Bang VS The First Cause Argument, Origin of the universe, Religious Experience, Miracles, Visions, Near Death Experiences.

Morality and Decision Making- Moral dilemmas, Holy Books, Holy Laws, Religious Leaders, Humanism, Free Will, The Conscience, Bonhoffer.

Evil and Suffering- The Nature of God, Natural and Moral Evil, The Story of Job, Key events of the Holocaust, Bystanders and Perpetrators, Ghettos, Concentration Camps.

Abortion/Euthanasia- The Sanctity of Life, Case Studies, Religious Teachings, Pro-life and Pro-Choice, Euthanasia, key teachings, Biblical teachings, Case Studies. Muslim Role Models- The Life of Muhammad, Khadija, Bilal, Malcolm X.

Peace and Conflict- Reasons for War, Just War Theory, Pacifici Case Studies, Amnesty international, Human Rights.

How to prepare for your exam:

- Create a revision timetable. Spend 10-15 minutes going over key content. Covering one religion at a time.
- Create- mind maps.
- Flash cards.
- Practice PETAL paragraphing.
- Create your own clock with key questions.
- Use exercise books and written assessments to revise.
- Use revision summary power points given by teacher.

- Create your own power point for revision.
- Use RS apps.
- Create a bingo key terms game.
- Create bank of key terms and link those to topics.
- Create podcast.
- Create your own Kahoot.

To get the very top marks:

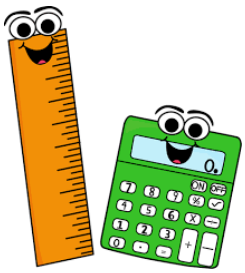
- Remember to always give examples to illustrate your points. In RS you must use key words and link these to biblical teachings.
- You could also use case studies from contemporary issues in the news.
- Use PETAL in your writing.

Useful weblinks

- Use web sites: KS3 RS- BBC Bitesize. KS3 Religious Studies - BBC Bitesize
- Truetube- look for different themes from contemporary issues. Lectures by Richard Dawkins. Home - TrueTube
- RE Quest- Look up specific area of study. Home - RE:quest
- Use AI To create revision material.
- Use BBC News Round articles.
- Yad Vashem- Holocaust Trust.
- Book- The Diary of Anne Frank.
- Who was Dietrich Bonhoffer? Life story.

Science

What your exam will look like:



- Your exam will be 45 minutes long.
- You will be asked a series of short answer questions on a variety of topics covered so far in Y9.
- You will also be asked to interpret experimental data
- The equipment you will need is: a pen, calculator, pencil, ruler

Revision List

- Cell Biology
- Organisation
- Atomic Structure & Periodic Table
- Structure and Bonding
- Energy
- Electricity

How to prepare for your exam:

- Flashcards https://youtu.be/69Bc6L0t2YM
- Retrieval practice and chunking https://youtu.be/6CxdFL6CPRk
- Mind maps and Flow diagrams
- Practise questions
- Learn the key
- points using the core questions from each topic

To get the very top marks:

- Make sure you attempt every tick box question – do not leave any blank, just take your best guess if you do not know the answer!
- Be specific with the language you use – e.g. instead of "amount" say "volume" or "mass"
- Read the command words in the questions carefully so you know what to do, e.g.:
    - Give/State – simply list
    - Describe – tells us about it
    - Explain – why is this like this?

    - Compare – what is the same, what is different – which is better and why?
    - Evaluate – what are the pros/cons and why? Which is best and why?
- If you are given any numerical information in the question – use it in your answer
- If you are asked to do a calculation, show all your working and look out for units that might need to be converted

Useful weblinks

- www.bbc.co.uk/bitesize/subjects- **information, videos and quizzes**
- www.gradegorilla.com**-self marking revision quizzes**
- www.senecalearning.com-KS3 **science section (set up a free account)**
- www.cognitoedu.org **(set up a free account)**
- Sparx Science - Home

GL - English

What your exam will look like:

- The exam will be approximately 60-75 minutes long
- The exam is split into three parts. Part one focuses on spelling, punctuation and grammar. Part two focuses on a fiction text and comprehension questions that check for understanding. Part three focuses on a non-fiction text and again uses comprehension questions that check for understanding.

Revision List/Useful websites:

- Students may wish to use BBC Bitesize to help them prepare for the spelling, punctuation and grammar section of the exam. Students will be tested on the accuracy of their spelling; their ability to use punctuation correctly and their application of grammar when 'filling in' sentences. The following websites may be of use:

  Grammar - KS3 English - BBC Bitesize

  Punctuation - KS3 English - BBC Bitesize

- To prepare for the comprehension section of the exam, students should use Sparx Reader to revise how to 'read for meaning'. This programme tests students on what they are reading, which are skills needed for the exam. The following websites contain practice comprehension questions that may be of use:

  Reading and comprehension - English - Learning with BBC Bitesize

  Sparx Reader - Home

- **Students** should have an understanding of the different types of fiction and non-fiction texts and should be able to identify key features of both text types. The following website may be of use:

  Examining different text types - BBC Bitesize

Students should be able to identify 'stand' and 'non-standard' language. The following website may be of use:

Using standard and non-standard English - English - Learning with BBC Bitesize

- Students will have a dedicated lesson that will help them prepare for this exam and will show students example questions. Students should bring home any notes/revision booklets from this lesson to aid their revision.

To get the very top marks:

- Students should ensure that they are reading over their answers during the test as they are marked on accuracy.

- Students should aim to read a selection of both fiction and non-fiction texts to ensure that they are confident selecting relevant information from both text types.

GL - Maths

What your exam will look like:

- One calculator paper 60-75 min : 15 minutes Mental Maths section, 60 minutes Applying and understanding Maths section
- Students will be required to be able to use and apply mathematics, beyond simple recall of facts and standard procedures. The categories below are based on the Aims in the KS1, KS2 and KS3 National Curriculum for England, and are also comparable with the GCSE Assessment Objectives.
- All students in the year group will sit the exam at the same time.

What I will be tested on

The four key areas that students are tested on are:

- **Fluency in Facts and Procedures**
- **Fluency in Conceptual Understanding**
- **Mathematical Reasoning**
- **Problem Solving**

Revision List

Fractions

- Add fractions with different denominators
- Subtract fractions
- Convert between mixed numbers and improper fractions
- Simplify fractions
- Solve word problems with fractions

Transformations (Geometry)

- Reflection
- Rotation
- Translation
- Enlargement
- Describe transformations on a coordinate grid

Standard Form

- Write numbers in standard form ($A \times 10^n$)
- Compare numbers written in standard form
- Multiply numbers in standard form
- Divide numbers in standard form

Algebra

- Expand double brackets
- Recognise equivalent expressions
- Simplify algebraic expressions

Number Skills

- Work with negative numbers
- Use order of operations (BIDMAS)
- Estimate answers
- Work with large and small numbers

Ratio and Proportion

- Simplify ratios
- Share amounts in a ratio
- Solve direct proportion problems

Geometry and Measures

- Area and perimeter
- Angles in triangles and polygons
- Angles with parallel lines
- Coordinates on a grid

Data and Statistics

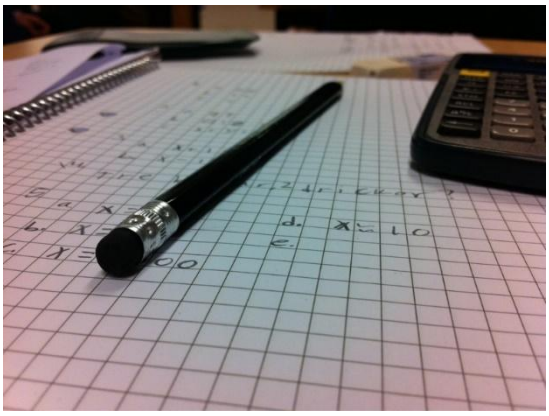
- Read tables and charts
- Mean, median and mode
- Interpret graphs

How to Get Top Marks

- Read every question carefully before starting.
- Show your working out for calculations.
- Check units (cm, m, kg, etc.).
- Use estimation to check if your answer is reasonable.
- If stuck, move on and come back later.
- Check answers at the end if you have time.

Useful Revision Websites

- BBC Bitesize Maths: https://www.bbc.co.uk/bitesize/subjects/zqhs34j
- Maths Genie: https://www.mathsgenie.co.uk
- Corbett Maths: https://corbettmaths.com
- DrFrost Maths: https://www.drfrostmaths.com



GL - Science

What your exam will look like:

- The sections in this test have been carefully designed to sample the main Science knowledge and skills set out in the Key Stage 3 national curricula for England.
- The exam will be approximately 60-75 minutes long. All students in the year group will sit the exam at the same time.

What I will be tested on

Biology topics

- Digestion
- Reproduction
  - Pollination
  - Plant reproduction
  - Male reproductive system
  - Female reproductive system
  - Fertilisation
- Cells
  - Animal cells
  - Plant cells
  - Specialised cells
  - Tissues and organs
  - Diffusion
- Environment
  - Food chains and food webs
- Variation and Survival
  - Inheritance of characteristics
  - Competition between species
- Plants and ecosystems
  - Photosynthesis equation
  - Chlorophyll and chloroplasts
- Respiration and breathing
  - Respiratory system – lungs
  - Respiration equation
  - Gases of the atmosphere
  - Exercise and breathing rates

- Health
    - Skeleton and muscles
    - Drugs and alcohol

Chemistry Topics

- Solutions
    - Chromatography
    - Solutes, solvents and solutions
- Acids and Alkalis
    - pH scale
    - Neutralisation
- Elements and Compounds
    - Atoms
    - Molecules
    - Mixtures
    - Periodic table
    - Subatomic particles - Protons, neutrons and electrons
    - Noble gases
- Chemical reactions
    - Physical changes
    - Chemical changes
    - Combustion
    - Exothermic and Endothermic reactions
    - Conservation of mass
    - Catalysts
    - Reactivity series of metals
    - Rate of reaction
- Obtaining useful materials
    - Properties of metals and non-metals
- Using our Earth sustainably
    - layers of the earth
    - rock types
    - the carbon cycle

Physics Topics

- Forces
    - Speed
    - Force diagrams
    - Balanced and unbalanced forces
    - Mass and weight
- Solar system
    - Stars
    - Seasons
    - Day and night
    - Lightyears

- Energy Resources
    - Renewable energy resources
    - Fossil fuels
    - Energy transfer diagrams
- Solids, Liquids and Gases
    - Particle diagrams
    - Changes of state
    - Expansion and Contraction
- Sound
- Energy Transfer by heat
    - Conduction
    - Convection
    - Radiation
- Electricity and magnetism
    - Static electricity
    - Resistance
    - Electromagnetism
- Contact and non-contact forces
    - Water pressure
    - Air pressure
- Waves and light
    - Reflection of light
    - Refraction
    - How we see colours

- Use appropriate techniques, apparatus, and materials during fieldwork and laboratory work, paying attention to health and safety- working scientifically.
- Use of appropriate key scientific terminology to include:
    - Variables- independent, dependent and control
    - Accuracy
    - Validity
    - Evaluation
    - Analysis
    - Repeatability
    - Reproducibility
    - Reliability
- Interpretation of tables and graph data