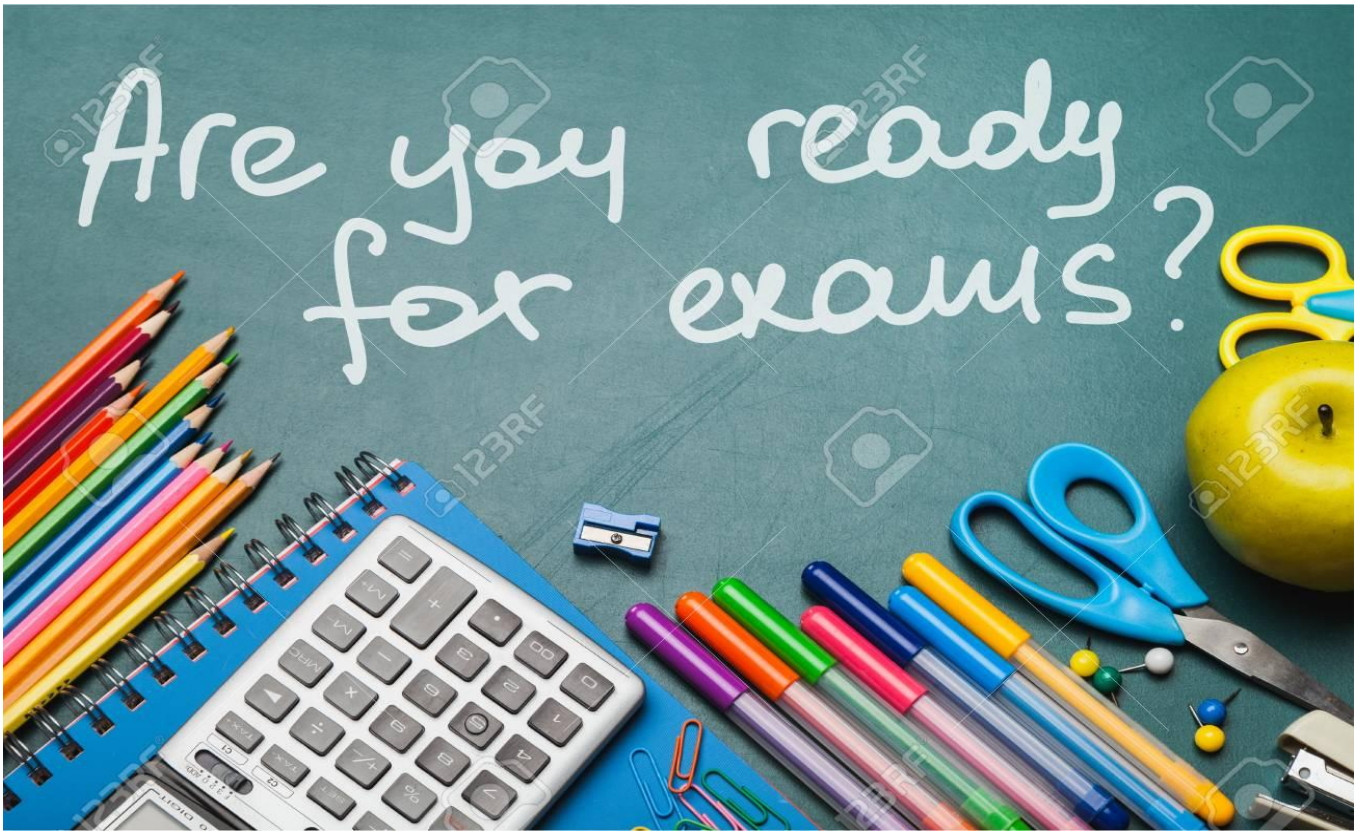

Year 8 : Exams Period
Subject Revision Guidance

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 P1 & 2	English GL P1 & 2	English GL P1 & 2	English GL P1 & 2
Wednesday 6th May	Maths GL P1 & 2	Maths GL P1 & 2	Maths GL P1 & 2	Maths GL P1 & 2
Thursday 7th May	Science GL P1 & 2	Science GL P1 & 2	Science GL P1 & 2	Science GL P1 & 2
Friday 8th May	Music P2	Art P4	Geography P2	Computing P2
Monday 11th May	English P4	English P4	English P4	English P4
Tuesday 12th May	Maths P1	Maths P1	Maths P1	Maths P1
Wednesday 13th May	History P1	Computing P1	Computing P1	Music P1
Thursday 14th May	Science P4	Science P4	Music P1	Geography P5
Friday 15th May	Spanish P4	Geography P4	Spanish P3	RS P3
Monday 18th May	Art P2	RS P1	RS P4	History P1
Tuesday 19th May	Geography P5	History P3	Art P5	Art P3
Wednesday 20th May	Computing P4	Spanish P5	Science P3	Science P3
Thursday 21st May	RS P1	Music P1	History P4	Spanish P4

Date	E/B1	U/B2	R/B3
Tuesday 5th May	English GL P1 &2	English GL P1 & 2	English GL P1 & 2
Wednesday 6th May	Maths GL P1 &2	Maths GL P1 & 2	Maths GL P1 & 2
Thursday 7th May	Science GL P1 & 2	Science GL P1 & 2	Science GL P1 & 2
Friday 8th May	Art P2	RS P4	French P4
Monday 11th May	English P2	English P2	English P2
Tuesday 12th May	Maths P4	Maths P4	Maths P4
Wednesday 13th May	Music P3	Geography P1 French P3	RS P3
Thursday 14th May	Science P4	Science P4	Music P2 Science P4
Friday 15th May	French P3	Music P5	Geography P3
Monday 18th May	RS P1	History P2	
Tuesday 19th May	Geography P3	Computing P3	Computing P5
Wednesday 20th May	History P1	Art P1	History P5
Thursday 21st May	Computing P5		Art P5

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:

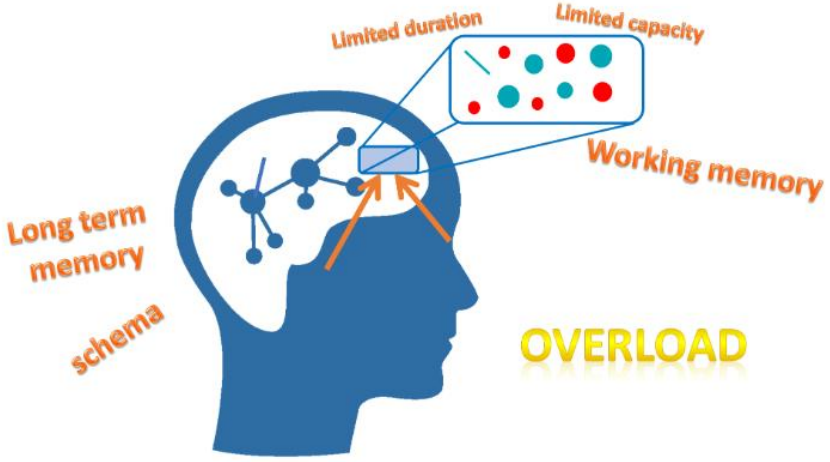
For some great tips on how to revise, or click on this link

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

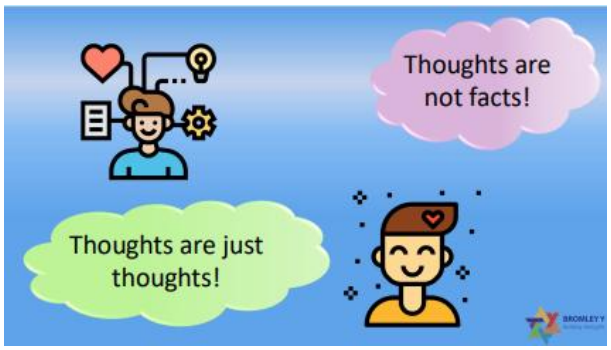
Looking after yourself on the day of your exam:

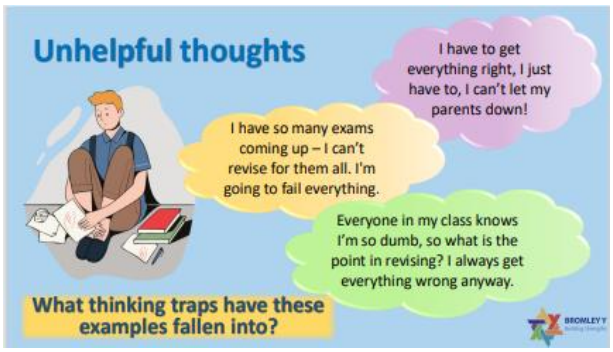
- Prepare your items the night before
- Start your day the best you can
- Try to ground yourself with a breathing exercise
- Take your time
- Remind yourself that it'll be over soon

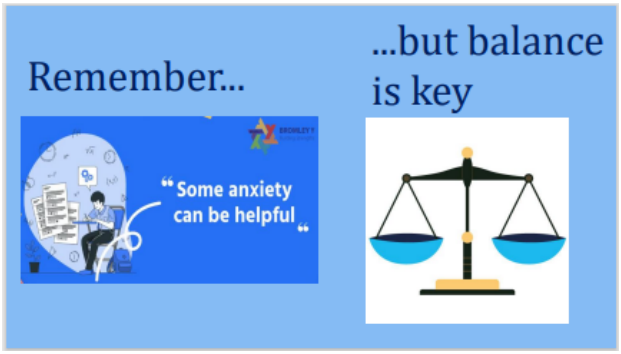
<u>Looking after yourself after your exam:</u>

- 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 detailed colour drawing task
- Close-up observational study of a human eye
- Focus on colour blending and smooth gradients
- Accurate proportion and realistic detail
- Short reflective writing (3–4 sentences)

Revision List

All topics this year which includes:

- Colour Theory (primary/secondary colours, warm/cool colours, complementary colours, colour harmony)
- Blending Techniques (layering, burnishing, smooth gradients, pressure control)
- Observational Drawing (shape of the eye, eyelid structure, eyelashes, reflections, highlights)
- Proportion & Anatomy (iris shape, pupil placement, tear duct, eyelid folds)
- Texture Rendering (skin texture, eyebrow hair, eyelashes, shine on the eye)
- Artist Studies (portrait artists, hyper-realistic drawing techniques, close-up studies)
- Key Art Vocabulary (tone, hue, saturation, gradient, texture, realism, contrast)

How to prepare for your exam:

- Practise drawing eyes from photos—focus on shape and proportion
- Create colour-blending strips using coloured pencils
- Study close-up images of eyes to understand reflections and highlights
- Practise layering colours lightly before adding darker tones
- Observe the subtle colour variations in the iris
- Time yourself for short 10–15 minute eye sketches to build confidence

To get the very top marks:

- Smooth, well-blended colour transitions
- Accurate proportions and realistic eye structure
- Detailed iris with multiple tones and textures
- Clean, controlled pencil work with no smudging
- Highlights placed correctly to show reflection
- A thoughtful self-evaluation showing understanding of strengths and next steps

Useful weblinks

- Colour theory – BBC Bitesize Art & Design
- Drawing skills – BBC Bitesize Art & Design
- Tate Kids – Portrait and drawing resources
- Beginner-friendly eye drawing 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 minute ethics essay.

Revision List

- Networks
- Scratch
- Excel
- Insides of the Computer
- Logic Gates
- Binary
- App Design
- Flowol
- Small Basic

How to prepare for your exam:

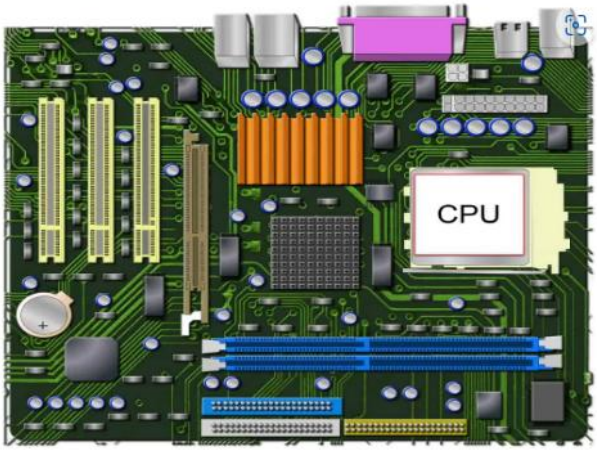
- Research the impact and risks of digital technology on society.
- Read over all work done regarding the topics above.
- Mind map all topics above by going over all work done in lessons.
- Do Bitesize Quizzes
- Go over PowerPoints on SharePoint and Revision worksheets done in class.

To get the very top marks:

- For the essay: 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 screen time on health of people. The student has presented well-reasoned arguments that are clear, accurate and use correct and detailed technical language **throughout**.
- Doing as many BBC Bitesize and online quizzes as you can to be prepared for online quiz.

Useful weblinks

• The impact and risks of digital technology on Screenhealth.pptx • Year 8 – Scratch • Year 8 – Flowol • Year 8 – Small Basic • Year 8 – Spreadsheets • Year 8 – App Design	**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 given an image with three planning activities. You will need to complete the planning activities and use these to write a description of the image
- You will have 10 minutes to plan, 35 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

You won't be revising from specific topics. See advice above & below.

How to prepare for your exam:

- You will have a preparation lesson before your exam. In this you will study an image (not the one you will have in the exam), plan and write a description. 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 creative writing assessments you have completed and read through any ebi and FIT feedback you have been given on this work
- Revise language techniques, a range of punctuation and sentence types – you need to be able include them in your creative writing
- Practise writing creatively – this could be writing a description of anything: the view from a window, an image online, a room in your house.

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 language techniques 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** https://www.classcharts.com/account/login?redirect=/lesson/index **Log into your account**
- **Unit: Dystopian settings: descriptive writing | KS3 English | Oak National Academy**
- **Unit: Grammar for Writing | KS3 English | Oak National Academy**
- **Fiction writing - KS3 English - BBC Bitesize**
- **Punctuation - KS3 English - BBC Bitesize**
- **Grammar - KS3 English - BBC Bitesize**

Geography

What your exam will look like:

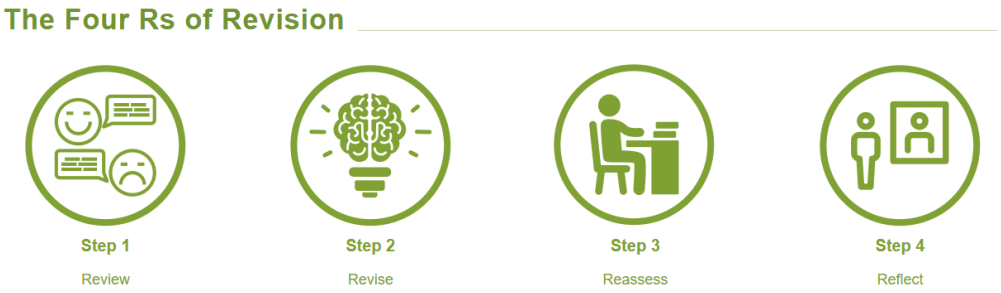
- 45 minutes long
- Extended writing with SPaG marks awarded
- Map and graph skills
- Definitions and key terms
- Short answer questions ranging from 1 mark to 6 marks

Revision List

- **Landscape Systems** (deserts and glaciation- landforms, processes, climate graphs, adaptations, opportunities and challenges)
- **Fieldwork and skills** (map skills, route to enquiry- onsite fieldwork)
- **Power and Borders** (superpowers, BRICS, hard and soft power, Piracy, Middle East)

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

- Glaciation- **Time for Geography website**
- What is fieldwork? - BBC Bitesize
- Geographical skills: introduction to fieldwork - Fieldwork: Video playlist - BBC Bitesize
- Deserts guide for KS3 geography students - BBC Bitesize
- The disappearing Aral Sea - BBC Newsround
- Glaciation - KS3 Geography - BBC Bitesize
- Svalbard Case Study - Internet Geography
- Somalian Pirates

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 – How useful is this source for studying [a topic you have covered in history this year]?

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

Developing – You will explain what the source tells you about the topic and if it is true (may not have specific supporting evidence).

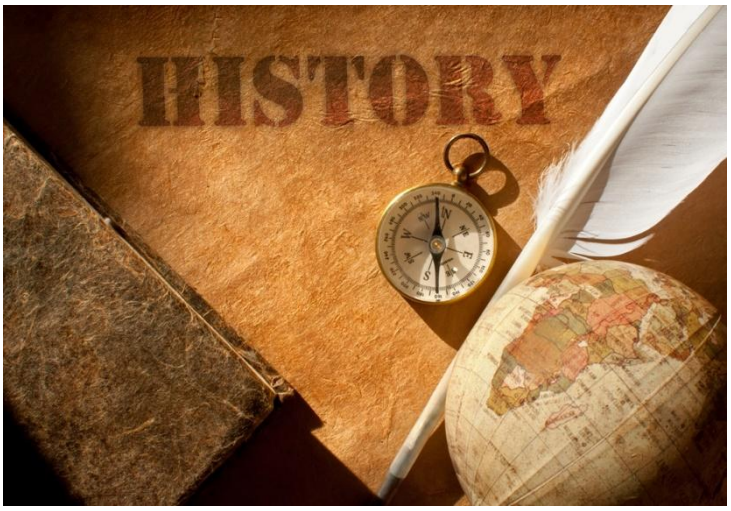
Secure – You will explain how accurate the content of the source is using specific supporting information from your own knowledge.

Exceeding – As above, and you will explain how the provenance (information about who wrote the source, when and why) may make the source more/less trustworthy (what may they exaggerate/omit and why).

Year 8 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)		
Abolition of Slavery: What caused the abolition of slavery?					
Civil Rights Movement: What caused improving Civil Rights in 20th Century USA?					
Industrial Revolution & Technological takeover: What changes did the industrial revolution cause? Was everyone impacted in the same way? How similar were the effects of invention of electricity, mobile phones & the internet to the effects of the invention of steam power?					
Changing nature of warfare: What was warfare like in the 18th century, WW1 & WW2? What was significant about the changes to warfare in each period?					
My voice matters: How did the Chartists, Suffragettes, Suffragists & WW1 help to increase the right to vote in the UK? How similar were the causes of female suffrage internationally compared to the UK? (Case studies: USA, New Zealand, Saudi Arabia & Australia).					
Holocaust: What was the Holocaust? Was Hitler the only one to blame? Genocides since the Holocaust & how future genocide might be prevented.					

Useful revision resources

- Abolition & civil rights - KS3 revision booklet page 18
- Industrial revolution & technological takeover – KS3 history revision booklet pages 19-21
- Changing nature of war – KS3 revision booklet page 22
- My voice matters – KS3 history revision booklet pages 23-25



Maths

What your exam will look like:

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

Revision List

NUMBER

- Rounding to decimals places
- Standard form
- Fractions of a given amount
- Multiplying fractions
- Dividing fractions
- Simple percentages

ALGEBRA

- Horizontal and Vertical Lines
- Collecting Like Terms
- Expanding Brackets
- Factorisation
- Substitution
- Straight Line Graphs - Introduction
- Straight Line Graphs - y = mx + c
- Index law
- Solving Basic Equations
- Solving Inequalities
- Expanding Brackets
- Solving Harder Equations - x on Both Sides
- Sequences
- Coordinates
- Currency conversion
- Conversion graphs

RATIO

- Simplifying ratios
- Sharing ratio
- Similar shapes – scale factor

STATISTICS

- Frequency tables
- Scatter graphs
- Two-way tables

How to prepare for your exam:

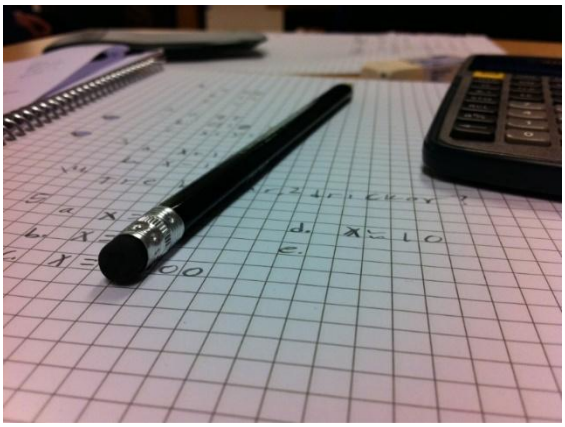
- Complete all weekly HW set on Sparx maths
- Use Sparx Independent learning section based on the feedback given in diagnostic sheets
- Go to Sparx XP Boost section for extra practise including times tables

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 practising
- 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

- Describe where you live (house and city)
- Describe where you can go and what you can do in your city
- Talk about what you do on your phone, what music you listen to, what films and TV you watch
- Talk about what you did yesterday
- Talk about where you went on holiday last year

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 (regular and irregular)
- ❑ Near future tense (I am going to go)
- ❑ Conditional tense (I would like)
- ❑ Prepositions of place (next to)
- ❑ 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 last 45 minutes.

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. Calypso, Reggae, Baroque music, Blues, time signatures, melodic features.

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 music of the Caribbean
- The history and characteristics of Baroque music
- The history and characteristics of Blues music
- Treble and bass clef notation reading up to two leger lines
- Rhythm notation
- Key signatures, sharps, flats, and naturals
- Time signatures
- Melodic features of music including sequence and ornaments
- Dynamics and Tempo terms
- Instruments of the orchestra and instruments used in traditional Caribbean and Blues 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

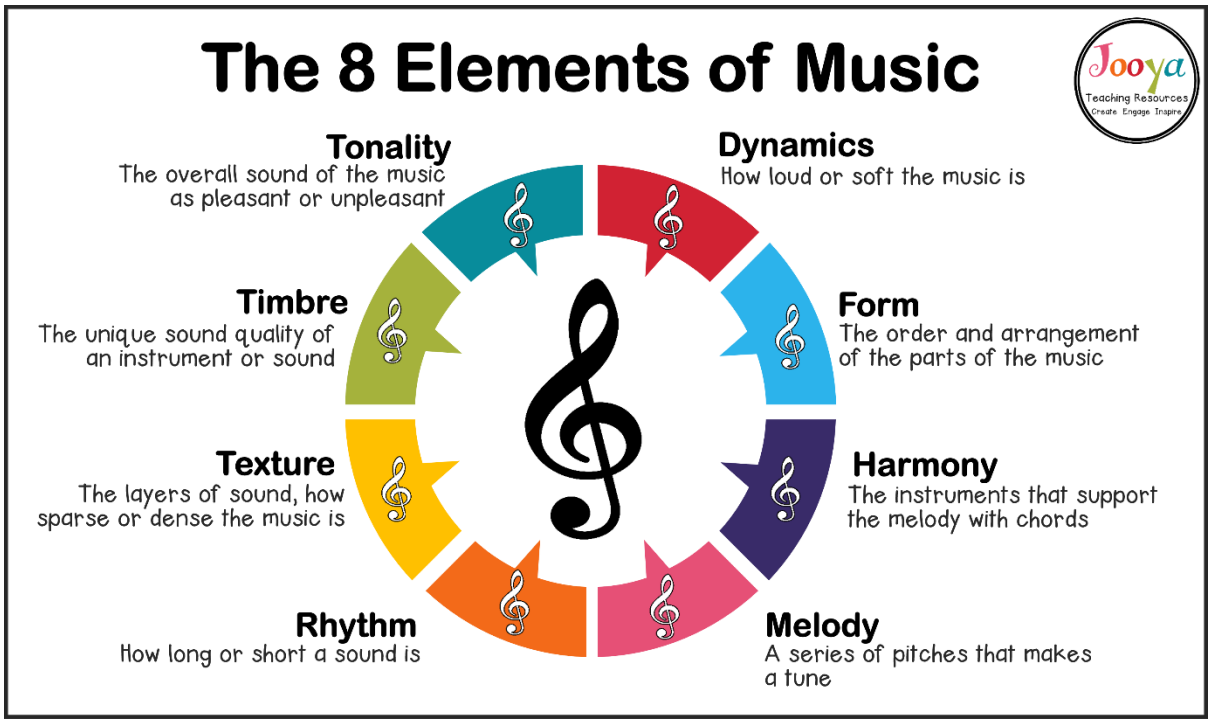
- Listen to lots of different music, and practice using musical language to describe it, e.g. in this piece, the rhythm is syncopated/the melody uses a sequence/the structure is the 12-Bar Blues

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
- Reggae - Popular music styles - National 5 Music Revision - BBC Bitesize
- Baroque - Musical periods and styles - National 5 Music Revision - BBC Bitesize
- Blues - Popular music styles - National 5 Music Revision - BBC Bitesize
- teachinggadget.com



Religious Studies

What your exam will look like:

- 45 minutes long
- Multi choice questions.
- Some exam style questions like 4- and 6-mark questions at 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

Purpose of Life- (Ultimate questions, Existence of God, William Paley, Big- Bang Theory, Plato's Allegory).
Tolerance and Understanding- (Disability and Tolerance, Sexism, Islam and Modesty, LGBTQ+, Sexuality, Introduction to Holocaust Studies and Racism).
Jesus Leadership- (The Nativity, Miracles, Parables, The Good Samaritan, The Sheep and the Goats, The Lost Son, The Life of Jesus, Jesus as a Historical Figure, Jesus' influence today).
Wealth and Poverty- (Christian Response to Poverty, Zakat and Compassion, Buddha's Teaching on Wealth and Poverty, Jewish Teachings on Wealth and Poverty, LIC and HIC countries, Christian Charities).
Religious community- (Symbols, Places of Worship, Initiation Rites, Mother Thresa, MLK, Gandhi, Baptism, Aqiqa, Sacred Thread, Bar/Bat Mitzvah).

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.

To get the very top marks:

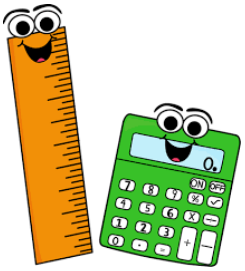
- Remember to always give examples to illustrate your points. In RS you must use key words and link these to biblical teachings.
- You could also use case studies from contemporary issues in the news.
- Use PETAL in your writing.

Useful weblinks

- Use web sites: KS3 RS- BBC Bitesize. KS3 Religious Studies - BBC Bitesize
- Truetube- look for different themes such as Christmas or Easter. Home - TrueTube
- RE Quest- Look up specific area of study. Home - RE:quest
- Use AI To create revision material.
- Use News Round articles.
- Youtube- William Paley Big-Bang theory.

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 Y8.
- You will also be asked to interpret experimental data
- The equipment you will need is: a pen, calculator, pencil, ruler

Revision List

- Elements and compounds
- Energy transfer by heat
- Respiration and breathing
- Contact and non-contact forces
- Chemical reactions
- Health
- Obtaining useful materials
- Variation

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)**
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 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 approximately 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**

Fluency in facts and procedures

Students can, for example:

• recall mathematical facts, terminology and definitions (such as the properties of shapes);
• recall number bonds and multiplication tables;
• perform straightforward calculations.

Fluency in conceptual understanding

Students can, for example:

• demonstrate understanding of a mathematical concept in the context of a routine problem (e.g. calculate with or compare decimal numbers, identify odd numbers, prime numbers, multiples);
• extract information from common representations, such as charts, graphs, tables and diagrams;
• identify and apply the appropriate mathematical procedure or operation in a straightforward word problem (for example, knowing when to add, multiply or divide).

Mathematical reasoning
Students can, for example:

• make deductions, inferences and draw conclusions from mathematical information;
• construct chains of reasoning to achieve a given result;
• interpret and communicate information accurately

Problem solving
Students can, for example:

• translate problems in mathematical or non-mathematical 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.

Revision list

1.Number Skills
- Negative numbers (adding, subtracting, multiplying, dividing)
- Order of operations (BIDMAS)
- Multiplying and dividing decimals
- Rounding and estimation
- Powers and basic indices

2.Fractions, Decimals and Percentages
- Convert between fractions, decimals and percentages
- Add and subtract fractions
- Multiply fractions
- Find percentages of amounts
- Percentage increase and decrease

3. Ratio and Proportion
- Simplify ratios
- Share amounts in a ratio
- Solve direct proportion problems
- Scale problems

4. Algebra
- Simplify algebraic expressions
- Expand brackets
- Solve simple linear equations
- Substitute numbers into expressions
- Continue number sequences
- Line graphs

5. Geometry
- Angles in triangles
- Angles in polygons
- Angles on parallel lines
- Coordinates in four quadrants

6. Area, Perimeter and Volume
- Area of rectangles and triangles
- Area of compound shapes
- Volume of cuboids
- Units of measurement

7. Transformations
- Reflection
- Rotation
- Translation
- Enlargement

8. Statistics and Data
- Read tables and graphs
- Mean, median and mode
- Interpret data
- Compare data sets

To get the very 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

Year 7 topics

- Digestion
- Sound
- Solutions
- Acids and Alkalis
    - pH scale
- Reproduction
    - Pollination
    - Male reproductive system
    - Female reproductive system
- Cells
    - Animal cells
    - Plant cells
    - Specialised cells
    - Diffusion
- Forces
    - Speed
    - Force diagrams
- Solar system
    - Stars
    - Seasons
    - Day and night
- Environment
    - Food chains and food webs
- Energy Resources
    - Renewable energy resources
    - Fossil fuels
    - Energy transfer diagrams

- Solids, Liquids and Gases
    - Particle diagrams
    - Changes of state
    - Expansion and Contraction

Year 8 Topics

- Elements and Compounds
    - Atoms
    - Molecules
    - Mixtures
    - Periodic table
- Energy Transfer by heat
- Respiration and breathing
    - Respiratory system – lungs
    - Respiration equation
    - Gases of the atmosphere
- Contact and non-contact forces
- Chemical reactions
    - Physical changes
    - Chemical changes
    - Combustion
    - Exothermic and Endothermic reactions
    - Conservation of mass
    - Catalysts
    - Reactivity series of metals
- Health
    - Skeleton and muscles
- Obtaining useful materials
    - Properties of metals and non-metals
- Waves and light
    - Reflection of light
    - Refraction
- Using our Earth sustainably
    - layers of the earth
    - rock types
- Variation and Survival
    - Inheritance of characteristics
    - Competition between species
- Plants and ecosystems
    - photosynthesis
- Electricity and magnetism

- 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