



Year 10 Revision Booklet

Mid-Year Exams January 2025



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Year 10 Revision tips



Revising means going back to material you have already learned in class to:

Make sure you understand it Memorise it

Here are 5 tips for revision to help you get off to a flying start.

1. Draw up a revision timetable

Research shows that revising for 30-40 minutes of work followed by a short break is the most effective way to prepare for assessments. It is also best to split your time between different subjects rather than doing a whole evening on just one. Plan your revision in advance, don't leave it until the night before the assessment.

2. Use the checklists in this booklet

Use the checklists and resources suggested by your teachers in the following pages to track what topics you have covered for each subject. Use RAG rating to show how confident you are with each area and go back over any that you've marked Red or Amber. Online platforms show which areas you are weakest in and need to prioritise.

3. Flashcards, Revision posters and mind-maps

Flashcards are made using index cards which you can buy from any good stationery shop. Making your own revision materials helps you revise and is much more effective than just highlighting your book.

4. Teach someone or study in small groups /peers

You can't teach someone else effectively unless you understand it yourself, so practice with other people is a great way to revise.

5. Find a quiet space

This is a straightforward one! Put your phone away and remove as many distractions as you can. If you don't have a quiet space at home, you can stay after school and use the library.

Work as hard as you can and then be happy in the knowledge you couldn't have done anymore.

Good luck!







Week A	Monday 13 th Jan	Tuesday 14 th Jan	Wednesday 15 th Jan	Thursday 16 th Jan	Friday 17 th Jan
P1 P2	Maths Foundation 60 mins	Chemistry - 60 mins	French reading & listening	English Lang Paper 1 – 1hr 45 mins	Physics- 60 mins
	Maths Higher – Higher - 90 mins				
	Theatre space	Theatre space	Various rooms	Theatre space	Theatre space
Classes	Whole cohort	Whole cohort	All French students	Whole cohort	Whole cohort
0185565			Tutor time		
			Break		
P3		F 1 1 1 1 1			
P4	RE – 65 mins	English Lit – A Christmas Carol – 50 mins		History (Migrants in Britain) – 1hr 20 mins	Citizenship –
				Geography – 1hr 30 mins	
	Theatre space	Theatre space		Theatre space	Theatre space
Classes	Whole cohort	Whole cohort		Whole cohort	B band
			Lunch		I
P5 P6	Biology - 60 mins	Drama DNA & Live	Spanish reading and listening	French & Spanish writing	GCSE PE (Movement analysis and
		Theatre Paper – 1hr 40 mins	<mark>Various rooms</mark>	Theatre space	Anatomy and Physiology) – 1hr 15 mins
	Theatre space	Theatre space			
Classes	Whole cohort	Drama students	All Spanish students	All French & Spanish students	PE students

Hard work Kindness Integrity Excellence 4

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Weekly revision planner

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
8 am							
9 am							
10 am							
11 am							
12 pm							
1 pm							
2 pm							
3 pm							
4 pm							
5 pm							
6 pm							
7 pm							
8 pm							
				5			Return to contents.





Resources:

- 1) English Language Paper 1 Revision Pack
- 2) Exercise books containing teacher writing feedback + targets

3) Lessons on Teams for Language Paper 1 + A Christmas Carol

Exam content:

Students will have 1 hour, 45 mins to complete Language Paper 1. Students will have 50 mins to complete A Christmas Carol essay question.

Topic / Skill	Revised (date & time)	Self-quizzed (date & time)
Plot, events and characters of A		
Christmas Carol		
A Christmas Carol key themes:		
social responsibility, charity,		
family/community, greed,		
supernatural		
Essay structure		
AQA Assessment Objectives		
Language Paper 1: Q2 close		
Language analysis		
Language Paper 1: Q3 whole text		
structure analysis		
Language Paper 1: Q4 evaluation.		
Forming an argument in response		
to a statement, back by evidence		
and language analysis		
Language Paper 1: Q5 Write a well		
structured story that features the 4		
Ss: Setting, Someone, Something,		
Solution		
Language Paper 1: Q5 Effective		
characterisation		
Language Paper 1: Q5 Effective		
description and figurative language		

Subject specific top tips:

- 1) It is a closed book exam. You will be provided with an extract as part of the question. You should refer to the whole of the text, considering how a theme/character has developed from start to finish.
- 2) Memorising lots of quotes is not essential but you must reference specific moments in the text.
- 3) Practise writing under timed conditions using essay plans in revision pack
- 4) Students must aim to write an introduction (thesis) + 3-4 paragraphs

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Resources:

- 1) Hegarty Maths
- 2) Corbett Maths
- 3) Maths Genie

Exam content:

Topic / Skill	Hegarty Maths Clips	Revised (date & time)	Self- quizzed (date & time)
Solving equations and rearranging formulae	U755, U325, U870, U505, U556, U221, U373		
Linear Graphs	U789, U741, U933, U889, U638, U669, U315, U377, U477, U848, U862		
Linear Simultaneous Equations	U760, U757, U836, U137		
Volume 2	U786, U174, U915, U484, U116, U617, U426, U350, U543		
Compound Measures	U914, U462, U896, U902, U388, U248, U468, U151, U256, U403, U910, U527		
Quadratics – graphical	U989, U667, U601, U178, U963		
Quadratics - algebraic	U228		
Solving equations and rearranging formulae	U755, U325, U870, U505, U556, U221, U373		

Subject specific top tips:

- 1) Each mark indicates a line of working out, final mark is for an answer.
- 2) "NOT TO SCALE" You can't measure the lines/angles on this shape as they are not drawn accurately!
- 3) "Estimate 4.7 x 6.2" Don't work out exactly but round up the numbers and then tell me the answer i.e. 5 x 6 = 30
- 4) READ, READ and READ the question!!!
- 5) Show all working for all the questions.



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Year 10 Science



Scientific c	content: Biology		Sparx code	Practiced	Mastered
Title	Торіс	Sub-topic	Spar	Pract	Mast
		4.1.1.1 Eukaryotes and prokaryotes	R489/R883		
		4.1.1.2 Animal and plant cells	R220/R976		
		4.1.1.2 Required practical 1: Microscopy	R132		
	4.1.1 Cell	4.1.1.3 Cell specialisation	R220/R976		
	structure	4.1.1.4 Cell differentiation	R509		
		4.1.1.5 Microscopy	R878		
B1		4.1.1.6 Culturing microorganisms (biology only)	R308		
Cell biology		4.1.1.6 Required practical 2: Microbiology (biology only)	R611		
		4.1.2.1 Chromosomes	R258		
	4.1.2 Cell division	4.1.2.2 Mitosis and the cell cycle	R368		
		4.1.2.3 Stem cells	R478		
		4.1.3.1 Diffusion	R264		
	4.1.3 Transport in	4.1.3.2 Osmosis	R949		
	cells	4.1.3.2 Required practical 3: Osmosis	R110		
		4.1.3.3 Active transport	R786		

Chemistry

Scientific co	ontent		Sparx Code	Practiced	ered
Title	Торіс	Sub-topic	Span	Pract	Mastered
		4.1.1.1 Atoms, elements and compounds	R447		2
	4.1.1	4.1.1.2 Mixtures	R616/R550		
	A simple model of the atom, symbols,	4.1.1.3 Development of the model of the atom (common content physics)	R793		
	relative atomic mass, electronic charge and	4.1.1.4 Relative electrical charges of subatomic particles	R945		
C1	isotopes	4.1.1.5 Size and mass of atoms	R646		
		4.1.1.6 Relative atomic mass	R646		
Atomic structure		4.1.1.7 Electronic structure	R293		
and the		4.1.2.1 The periodic table	R684		
periodic table		4.1.2.2 Development of the periodic table	R842		
	4.1.2 The periodic table	4.1.2.3 Metals and non-metals	R468		
		4.1.2.4 Group 0	R572		
		4.1.2.5 Group 1	R925/R406		
		4.1.2.6 Group 7	R580/R715/R640		
	4.1.3 Properties of transition	4.1.3.1 Comparison with Group 1 elements			
	metals (chemistry only)	4.1.3.2 Typical properties	R843		

Physics

Scientific content		Sparx code	ced	ered	
Title	Торіс	Sub-topic	Sparx	Practiced	Mastered
	4.1.1 Energy	4.1.1.1 Energy stores and systems	R393/R180		
	changes in a system, and the	4.1.1.2 Changes in energy	R704/R802/		
	ways energy is stored before	4.1.1.3 Energy changes in systems	R751/R544		
P1	and after such changes	4.1.1.3 Required practical 1: Specific heat capacity	R251		
Energy		4.1.1.4 Power	R602		
Liidigy	4.1.2	4.1.2.1 Energy transfers in a system	R180/R606/R384/R996		
	Conservation and dissipation of energy	4.1.2.1 Required practical 2: Thermal insulation	R312		
		4.1.2.2 Efficiency	R666/R593		
	4.1.3 National and global energy	4.1.3.1 National and global energy resources	R911/R476		

Mathematical skills

Mathematics skills			Sparx code	iced	ered
	Торіс	Sub-topic	Span	Practiced	Mastered
Students will be required		Recognise and use expressions in decimal form			
to demonstrate the following	Arithmetic and numerical computation	Recognise and use expressions in standard form	R778		
mathematics skills.		Use ratios, fractions and percentages	R502/R100		
10			<u>Return to</u> contents.		

 	1	
	Make estimates of the results of simple calculations	R921
	Use an appropriate number of significant figures	R471
	Find arithmetic means	R414
	Construct and interpret frequency tables and diagrams, bar charts and histograms	R235
Handling data	Understand the principles of sampling as applied to scientific data	
	Understand simple probability	
	Understand the terms mean, mode and median	R414
	Use a scatter diagram to identify a correlation between two variables	R148
	Make order of magnitude calculations	
Algebra	Understand and use the symbols: =, <, <<, >>, >, \lapha , ~	
	Solve simple algebraic equations	R185/R340
	Translate information between graphical and numeric form	
Graphs	Understand that y = mx + c represents a linear relationship	
	Plot two variables from experimental or other data	
	Determine the slope and intercept of a linear graph	
Geometry and trigonometry	Calculate areas of triangles and rectangles, surface areas and volumes of cubes	R232/R359





Resources:

- 1) Exercise book
- 2) CGP revision guide p.2-32
- 3) SenecaLearning.com

Exam content:

Topic / Skill	Revised (date & time)	Self-quizzed (date & time)
Global circulation of air – humid and arid		
Evidence of climate change		
Natural causes of climate change		
Human causes of climate change		
Effects of climate change		
Causes of tropical cyclones		
Tropical cyclone case studies: Katrina &		
Nargis		
Case study: Hurricane Katrina		
Case study: Typhoon Haiyan		
Earth's structure & plate tectonics		
Volcanoes and earthquakes		
Case study: Japan and Haiti earthquakes		
Measuring development		
Factors affecting development		
Bottom-up and top-down development		
Rostow & Franks – theories of development		

Subject specific top tips:

- For 8-mark questions, you must do 2 X AKU paragraphs and a conclusion, where 'A' is a judgement, 'K' is place-specific knowledge (facts), and 'U' is the explanation (understanding). In Geography we measure things by SEEing (social, economic, environmental) the world through time (short-term, long-term) and space (small-scale, large-scale)
- 2) For **2-mark explain** or **suggest** questions: point > develop
- 3) For **3-mark explain** questions: point > develop > double-develop
- For 4-mark explain questions: point > develop > double-develop > triple-develop (tell it like a story, with 'firstly' to get started)
- 5) Study the resource carefully. If it says 'Using the figure' USE IT!



DRAMA YEAR 10



Resources:

- 1) Practitioner workshops, research and worksheets on Brecht, Verbatim and Frantic Assembly
- 2) Checklist/reminder of practitioner devices
- 3) Level 9 GCSE Portfolio

Exam content:

Check points within your practical/written work	<u>Checked</u> and <u>confirmed</u> within your portfolio
I have used my research on the practitioners to inform my ideas for my devised performance	
I have used a range of naturalistic <u>and non-naturalistic</u> methods (e.g. breaking fourth wall/narration/ stepping out of character) to create a meaningful performance with a <u>clearly communicated</u> <u>message</u> I have suggested ideas to my group as to how to employ the techniques of Brecht, Verbatim and physical theatre to create clear meaning for my audience. I can justify my reasons for our choices with a clear view of how we aimed to affect our audience	
I have based my drama on actual testimony that my group has sourced to represent actual people's opinions	
I have written about my work, outlining clearly to describe my methods, analyse my reasons and evaluating my success of whether I was successful in what I set out to achieve.	
 I have included images from: my research (can be pasted from online) our rehearsal process (e.g. diagram of scene outline/script /staging/still image/initial group brainstorm/planning diagrams) 	



Year 10 History



Resources:

1) Your exercise book and Knowledge Organisers, PLC (checklists), timelines, printed revision booklets

2) Seneca Learning

3) Revision guide and <u>www.reviseonline.pearson.com</u>

Exam content:

Topic / Skill	Revised (date & time)	Self-quizzed (date & time)
Paper 1 Migrants in Britain and case study, Notting Hill		
Reasons why people migrated to Britain c800-present, including government (laws, freedoms, taxes), economy and trade (e.g., opportunities for work, connections with the rest of the world, forced migration), religion (e.g., safety from persecution for		
Huguenots and Russian Jews) and attitudes in society (welcome or prejudice)		
Experiences of migrants, including successful invasions (e.g. Vikings and Normans), welcome (e.g., of Jewish financiers and Italian bankers, empire migrants during C20th), anti-Semitism and prejudice (e.g. expulsion of Jews in 1290, anti-Irish attitudes in 1800s), successful businesses (e.g., many Huguenots), work (e.g., Indian and African migrants.		
Impact of migrants, including on the environment, language, place names, religion and culture, the economy.		
Caribbean migrants in Notting Hill , c1945-70. Reasons for migration, experiences, and impact.		

Subject specific top tips:

<u> Paper 1 – Migrants in Britain</u>

Section A (Notting Hill)

- 1. Q1 Describe two features (4-marks). Structure: name a feature, add a detail (2 sentences for each feature)
- 2. Q2(a) Usefulness of sources (8-marks). Look at the CONTENT of each source, explain how it is useful for the enquiry. Then the CAPTION (provenance). Use what you know about migrants in Notting Hill to judge how useful the sources are for the enquiry.
- 3. Q2(b) Follow up the source (4 marks). Choose a detail then link to a question. The best sources to use are usually the West Indian Gazette or police records.

Section B (Migrants in Britain c800-present)

4. You must learn the **chronology** of the key periods and know when different migrant groups arrived in Britain. Make flash cards for all four periods and test yourself.

- 5. **Case studies** learn these so that you can include SPED knowledge in your answers (statistics, people/places, events and dates).
- 6. Q3 Explain one way...(4-marks). Similarity or difference. Read the question very carefully! Give details for BOTH periods.
- 7. Q4 Explain why...(12-marks). Write about three reasons, explaining each one using PEEL paragraphs (Point, Evidence, Explain, Link back to the question)
- 8. Q5/6 How far do you agree...? (16-marks + 4 SPaG). Choose **one** question. Look out for questions about reasons/factors, these are usually easier than experiences or impact questions! Think about both sides of the argument and PLAN before you write. Reach a judgement (conclusion) 'mostly agree/mostly disagree'.



RE – Year 10



Resources:

Exercise books
 Assessment mind map

Exam content:

Paper 1: Unit 1 Christian Beliefs

Topic / Skill	Revised (date & time)	Self-quizzed (date & time)
Unit 1 Christian Beliefs		
The Trinity		
The creation		
The incarnation		
The last days of Jesus' life		
Atonement and Salvation		
Life after death		
The problem of evil and suffering		

Subject specific top tips:

For a, b & c questions use the structure taught in lessons, remember spend a minute per mark on your answer e.g. 3 marks = 3 minutes

For the extended writing 'd' questions (12 or 15 marks):

You must apply your knowledge and understanding of Christianity to an unfamiliar context, **evaluating** a contentious statement by constructing a **balanced argument** that looks at arguments for and arguments against

Use the FARJ model

- Two paragraphs. 1- FOR the statement and paragraph 2- AGAINST the statement.
- Third paragraph a conclusion which outlines the main reason for their decision.



MUSIC YEAR 10



Resources

- 1) Your instrument and Logic Pro
- 2) Blue music folder and workbook with your notes from appraising lessons
- 3) Homework

Exam content:

Topic / Skill	Revised (date & time)	Self-quizzed (date & time)	
Performance:			
Technique (ensure you play using			
the correct techniques)			
Expression and interpretation			
(ensure you play/sing confidently			
and in style with the song chosen)			
Accuracy and fluency (No			
hesitations and all notes correct)			
Lister	ning Paper		
Questions regarding the Elemen	ts of Music (MAD TS	HIRT) and Unit 4:	
Рори	lar Music		
Melody (conjunct, disjunct,			
ascending, descending,			
pentatonic, range of notes)			
Articulation			
Dynamics (Loud soft)			
Tempo (Speed markings)			
Structure (Binary, ternary, rondo)			
Harmony (Major, minor, modal)			
Instrumentation (What's the role			
of different instruments?)			
		Return to	
	-	contents	

Rhythm (on the beat,	
syncopation)	
Melodic devices (Ornamentation)	
Texture (Textural contrasts)	
Рор	
Rock	
Fusion	
Bhangra	

Subject specific top tips:

- 1) Practice your performance piece every day
- 2) Find some lunch or after school time to work on your composition on Logic Pro in A222.
- 3) Revise notes from lessons take your folder home!
- 4) Be familiar with the scores and how to read them
- 5) Ask your teacher for extra exam questions to practice on.



Year 10 French



Resources:

1) Classbook

2) Languagenut courses and homework

3) Sentence builders in books and knowledge organisers

Exam content:

Торіс	Revised (date & time)	Self-quizzed (date & time)
Lifestyle, media and technology		
Sub-topics: Sports, social media pros and cons, role models, film and TV preferences		
My personal world: family and relationships		
Family members, descriptive vocabulary related to physical and personal description		
How you get along with someone and why		
Grammar:		
Using the present, past and future including irregular verbs		
Using comparison sentences		
Recognising direct object pronouns e.g. le/la/l'/les		
Describing a photo		
Dictation activities – sound symbol correspondance		

Listening, Reading and writing papers on above topics Subject specific top tips:

- In writing, remember to develop your writing using connectives, use justified opinions and include three tenses and complex phrases such as comparisons, the good thing is that... the best was...
- Make sure you can use connectives (et, mais, aussi, cependant), opinions, present tense, irregular verbs 'avoir' and 'être', simple past tense phrases such as je suis allé..., simple future tense phrases such as je voudrais aller... je vais aller...



Year 10 Spanish



Resources:

- 1) Class book
- 2) Languagenut courses
- 3) Sentence builders in books and knowledge organisers

Exam content:

Торіс	Revised (date & time)	Self-quizzed (date & time)
Lifestyle, media and technology		
Sub-topics: Sports, social media pros and cons, role models, film and TV preferences		
My personal world: family and relationships		
Family members, descriptive vocabulary related to physical and personal description How you get along with someone and why		
Grammar:		
Using the present, past and future including irregular verbs		
Using comparison sentences e.g. más, menos, mejor		
Recognising direct object pronouns e.g lo, la, los, les		
Describing a photo		
Dictation activities		

Listening, Reading and writing papers on above topics Subject specific top tips:

- In writing, remember to develop your writing using connectives, use justified opinions and include three tenses and complex phrases such as comparisons, the good thing is that... the best was...
- Make sure you can use connectives (y, pero, también, sin embargo), opinions, present tense, irregular verbs 'hacer' and 'jugar', simple past tense phrases such as fui a... fue divertido, simple future tense phrases such as me gustaría ir a....voy a visitar...



GCSE PE Paper 1 Revision Checklist



Paper 1 Exam Date:

Resources:

- 1. PE Exercise Books
- 2. CGP PE Revision Guide (Book)
- 3. Paper 1 Home Learning Booklet (Paper)
- 4. PE Everlearner <u>www.theeverlearner.com</u> (Online Platform)

	Anatomy & Physiology Unit		
Торіс	Checklist	Revision Guide Page	Revised Y / N
Skeletal System	 Can you locate the major bones? Can you explain the functions on the skeletal system? Do you know the different bone structures and their functions in sport i.e. flat bones enable protection? 	Pages 1-4	
Synovial Joints and Types of Joints	 Can you identify the features of a synovial joint? Can you explain their functions in preventing injury? Do you know where the hinge and ball and socket joints can be found and what types of movement occurs at each? 	Pages 1-4	
Muscles	 Can you locate the major muscles? Do you how the muscle pairs and how they cause movement to occur (agonist and antagonist muscles). Do you know the different types of muscle contractions and give sporting examples? 	Pages 5-6	
Respiratory System	 Can you name the air passages, and do you know the order of the air pathway? Can you describe gaseous exchange, and do you know the features of the alveoli? Can you explain the mechanics of beathing during exercise? Do you know the four different lung volumes and how they change during exercise? 	Pages 9,10	
Cardiovascular System	 Do you know the structure and functions of the blood vessels? Do you know the how the body redistributes blood (vasodilation and vasocontraction? Can you label the heart? Can you explain the pathway of blood through the heart during the cardiac cycle? To be able to define cardiac output and its components (stroke volume and heart rates). 	Pages 7,8	
Energy & Recovery	 Do you know the definition of anaerobic and aerobic exercise and can you give sporting examples for each? Can you define EPOC and explain why this happens? Can you evaluate the four different methods of recovery? 	Page 11	
Effects of Exercise	 ✓ Can you describe the immediate and short term (24-36 hours) effects of exercise? ✓ Can you describe the long-term effects of exercise? 	Pages 12- 15	



Year 10 Citizenship



Resources:

Your exercise book
 Seneca Learning

Exam content:

- What are the key principles and values in British society today?
- How are identities created?
- How are identity debates impacted?
- How does changes and movement of population impact communities?
- What is mutual respect and understanding in a diverse society?
- What rights, responsibilities and role does the media have?

Keywords:

British Values Democracy Individual liberty Rule of law Tolerance Multiculturalism Discrimination National identity Migration New media Mass media Censorship Trade unions Councillor Pressure group Petition Non-governmental organisation (NGO) Mediation

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