

Year 9
Revision Lists – Autumn 2025

Learning = a change in long-term memory

'if nothing has changed nothing has been learned'

Meaningful learning is about producing organised, coherent and integrated mental models that allow people to make inferences and apply their knowledge. (Karpicke, J. 2012)

THE BENEFITS:

- ① Retrieval practice aids later retention
 'every time you retrieve a memory it becomes deeper, stronger and easier to access in the future'
- ② Testing identifies gaps in knowledge
- ③ Testing causes students to learn more from the next learning episode
- ④ Testing produces better organisation of knowledge



- ⑤ Testing improves transfer of knowledge to new contexts



- ⑥ Facilitates retrieval of material that wasn't tested



- ⑦ Improves metacognition



- ⑧ Prevents interference from previous material when learning new content



- ⑨ Provides valuable feedback to teachers



- ⑩ Regular testing encourages students to study more



Retrieval Practice Principles (TOM SHERRINGTON)

- ① Involve everyone in the retrieval practice and review process

'Good techniques involve all students checking their knowledge.'



- ② Make checking and correcting accurate and easy to do

'The best person to mark the test is the person who has just took it.'
 - Dylan William



- ③ Specify the knowledge

'It's better if students know the set of knowledge any retrieval will be based on, so they can study, prepare and self-check.'



- ④ Keep it generative

'Students need to explore their memory to check what they know and understand. This means closing the books and making students think for themselves.'



- ⑤ Vary the diet and mix it up

'This will allow students to explore their schema in different ways, strengthening future recall.'



- ⑥ Make it time efficient

'A good technique can be used repeatedly in an efficient manner without dominating whole lessons.'



- ⑦ Make it workload efficient

'The best methods do not involve the teacher checking the students' answers, creating unsustainable workload.'



'The closer you are to forgetting a piece of information, the more likely it is that you will benefit from revisiting it.'

BUSH & WATSON (2019)

Revision Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
8:00							
9:00							
10:00							
11:00							
12:00							
13:00							
14:00							
15:00							
16:00							
17:00							
18:00							
19:00							
20:00							
21:00							

Art

Topics to revise	Practice is key! For Art & Design we need you to practice your drawing and tonal skills. Your drawings should be based on your current theme/topic, this will be either Natural Forms or East meets West (India). Use your booklet to help you.
Revision Resources	Natural Forms: https://youtu.be/PO3T5xOmxhg?si=gvdNTwfG1qwsOsWi https://youtu.be/LbMuunVmMQw?si=femEEloTfhMciWvL Buildings: Perspective- https://youtu.be/uKKFiL-rdEI?si=kEUF0MdocCHpeEsP Using other materials- https://youtu.be/p4mw1QJlQc?si=6llLjH-1ErNnzf8

Geography

Topics to revise

Year 7 and 8 Recap 30%

Coastal hard engineering

Climate change – causes and effects

Land use model

Butler model Tourism

Renewable and Non-renewable energy

Globalisation 70%

Introduction to Globalisation, transport and ICT.

Switched on vs Switched off places

Glocalisation

Global culture

Benefits and costs of Globalisation

Science

Topics to revise	From the Year 9 course so far <u>Paper 1</u> Biology - Cells, specialised cells, microscopy, the cell cycle and diffusion Chemistry - Separating Techniques <u>Paper 2</u> Physics - Energy Transfers and Energy Stores Chemistry - Elements, Compounds, Pure Substance and Mixtures Then from Year 7/8 there may be questions on the following on either paper: Physics – Energy Transfer/ particle movement Chemistry – Practical Skills/ Mixtures Biology – Cells and Function Working Scientifically (e.g., Identifying variables, suggesting improvements to experiments, interpreting practical data, analysing graphs)
Revision Resources	Biology - Cells, specialised cells, microscopy, the cell cycle and diffusion https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_1.04 https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_1.02 https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_1.1 https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_1.11 Chemistry - Separating Techniques https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_1.06 https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_1.07 https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_8.02 Physics - Energy Transfers and Energy Stores https://www.bbc.co.uk/bitesize/guides/zskp7p3/video https://www.youtube.com/watch?v=H6D_ViW0Ch4 https://cognitoedu.org/coursesubtopic/p2-gcse-aqa-h-c_1.11 https://cognitoedu.org/coursesubtopic/p2-gcse-aqa-h-c_1.04 Chemistry - Elements, Compounds, Pure Substance and Mixtures https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_1.03 https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_8.01 https://www.bbc.co.uk/bitesize/guides/zqswrwx/revision/1

English

Topics to revise	Year 9: Rebellion, Revolution and Romanticism You will be asked to answer comprehension questions about Romanticism and the Gothic including questions on an extract from a text you have studied: Dracula by Bram Stoker You will want to consider: Gothic conventions Characterisation Writer's Intentions (What did Stoker want to make you think or feel?) Year 9: Gothic Writing <i>You will be asked to write a short description using a gothic inspired image as a stimulus for your writing.</i> As part of the descriptive piece of writing, you will want to consider: Using a variety of sentence starters (verb beginning, paired adjectives, emotion word, comma) Using ambitious vocabulary (e.g., precise nouns – <i>oak</i> instead of a <i>tree</i>; ambitious synonyms – <i>petrified</i> instead of <i>scared</i>) Using a variety of punctuation (e.g., semi-colons, dashes, speech marks, exclamation marks, etc.) Using figurative language
Revision Resources	Copy of Rebellion, Revolution and Romanticism – This is the booklet that was used in class. https://www.bbc.co.uk/programmes/p0bnlq0z https://classroom.thenational.academy/units/language-skills-fiction-reading-52c6 Writing Skills - Creative and narrative writing - BBC Bitesize

French	
Topics to revise	Family and Friends: Family members and describing your family Using adjectives to describe your family Making adjectives agree with the person you are talking about Saying who you get on with/don't get on with Physical descriptions including hair and eyes Personality descriptions House and Town: Describing different types of houses and locations Describing rooms in the house Furniture in the house

Spanish	
Topics to revise	Free Time How I spend my free time – general activities Using opinion phrases to say how I like to spend my free time Television shows and genres and opinions Talking about sports you currently do Sports you would like to do in the future tense Food & Drink: Recall language for different foods and drinks Give and understand opinions on food and drink

<u>History</u>	
Topics to revise	Topics to Revise: You should recap all the topics you have learnt about so far in Year 7, Year 8 and Year 9 but pay particular attention to: Weapons of WW1 The Women's Suffrage Movement WW1 and Women Oliver Cromwell (Year 8) King John and Magna (Year 7)
Revision Resources	Weapons of WW1: https://www.bbc.co.uk/bitesize/articles/zs666sg#zkphhcw Women's Suffrage: https://www.bbc.co.uk/bitesize/topics/zxwg3j6 Women & WW1: https://www.bbc.co.uk/bitesize/articles/zj8my9q Oliver Cromwell: https://www.bbc.co.uk/bitesize/articles/zg6ccmn King John & Magna Carta: https://www.bbc.co.uk/bitesize/articles/zcg66g8#zb788hv

Maths	
Topics to revise	MARKS AVAILABLE – 50 You will need full equipment for the assessment except for a calculator as it will be a non-calculator paper YOU <u>MUST</u> PROVIDE <u>ALL</u> YOUR OWN EQUIPMENT FOR THE ASSESSMENT SO GET ORGANISED IN PLENTY OF TIME. <u>Topics to revise:</u> Add, subtract, multiply and divide integers, decimals, fractions and negative numbers Square numbers, cube numbers, prime numbers Order of operations (BIDMAS) Reciprocals All percentages Problem solving with fractions and percentages Rounding and estimating Best buy problem solving Area of circle in terms of π <u>Extension topics</u> <i>Index laws (E)</i> <i>Recurring decimals (E)</i> <i>Error intervals (E)</i> <i>Surds</i> Standard Form (E) Retrieval topics which may use some of the topics above: Properties of Isosceles and Equilateral triangles Area and perimeter of 2D shapes
Revision Resources	Use videos on Sparx Maths in the Independent Learning and your book to support your learning in preparation for this assessment. You may also find BBC Bitesize useful: https://www.bbc.co.uk/bitesize/subjects/zqhs34j

Religious Studies

Topics to revise	<u>Retrieval topics from year 7 will include:</u> <u>Year 7 topics</u> Islam - How did Islam begin? - Life after death in Islam - How do Muslims worship God? - Sawm <u>Year 8 topics</u> Inspirational people -Ghandi - Rosa Parks - Martin Luther King - Emmeline Pankhurst - What makes a person inspirational? <u>Year 9 topics</u> Religion and the Media - What is the media? - How is religion and God portrayed in the media? - The impact of religion and the media - Censorship - Blasphemy
Revision Resources	Your religious studies exercise book Online knowledge organisers BBC Bitesize https://www.bbc.co.uk/bitesize/articles/z4fwy9q https://www.bbc.co.uk/bitesize/articles/z7pwvk7 https://www.bbc.co.uk/bitesize/articles/zknmrj6 https://www.bbc.co.uk/bitesize/articles/znhjcqt