

Year 9 Summer Revision Lists



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
- (2) Testing identifies gaps in Knowledge
- 3 Testing causes students to learn more from the next learning episode
- Testing produces better organisation of knowledge









- 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

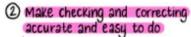


(© Regular testing encourages students to study more



Retrieval Practice Principles (TOM SHERRINGTON)

- 1 Involve everyone in the retrieval practice and review process
 - "Good techniques involve all students checking their Knowledge."



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



(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.



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."

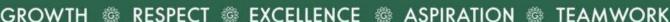
BUSH \$ NATSON (2019)















	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							

Revision Schedule

Year 9 English Revision List Summer 2025

Exam information:

Your exam will last 50 minutes.

There are two sections:

Section A: The Art of Rhetoric (Reading)

You will be given a short speech from 'The Art of Rhetoric' that you have studied this year and will need to answer a range of comprehension questions on the text linked to persuasion. The extract will be printed for you in the assessment booklet.

Section B: The Art of Rhetoric (Writing)

You will demonstrate your knowledge of rhetoric by writing the opening of a speech on a topic linked to the speech in Section A.

Topic	Revised ?
Year 9: The Art of Rhetoric (Reading)	
 Aristotelian Triad: ethos, pathos, logos Rhetorical devices including different devices and the effect on the audience. Writing for purpose: What is the purpose of the speech and how the speaker achieves this? What other language and structural devices have been used and what is the effect on the audience? 	
Year 9: The Art of Rhetoric (Writing)	
 Plan for a particular argument or point of view (What are the big ideas linked to the topic?) 	
 Demonstrate your understanding of ethos, pathos and logos by crafting your writing to achieve these effects. Create ethos, pathos and logos Craft your writing for a particular purpose and audience (Who are you speaking to? What tone or persona should you include?) 	
 Use a range of rhetorical methods such as rhetorical questions, anaphora and statistics to create your argument. 	

Revision Links

The Art of Rhetoric booklet which was used in class

Rhetorical devices - Using language effectively - AQA - GCSE English Language Revision - AQA - BBC Bitesize

Writing to persuade guide for KS3 English students - BBC Bitesize

Non-fiction writing - KS3 English - BBC Bitesize

EXTENSION MATHS Revision List Summer 2025

Exam information:

There are two 45-minute papers. Paper 1 is the Non-Calculator Paper.

Paper 2 is the Calculator Paper.

You will need all mathematical equipment.

There are two separate revision lists available for Mathematics: one for the **Core** curriculum and one for the **Extension** curriculum. If you are unsure which list applies to you, it is important that you speak with your Mathematics teacher as soon as possible to confirm which revision list you should be using.

Торіс	Revised?
Adding, subtracting, multiplying and dividing, including with negatives, fractions, decimals and integers	
Arc length and sector area	
Area of 2D shapes including circles	
Averages and range (including grouped data)	
Best buy problems	
Box plots	
Calculating and using percentages	
Drawing and recognising linear graphs (including parallel and perpendicular lines)	
Expanding brackets and simplifying	
Histograms	
Order of operations	
Plans and elevations	
Recurring decimals	
Rearrange formula	
Representing inequalities on a number line	
Sequences - including finding and using the nth term	
Share amounts into a given ratio	
Solving direct and inverse proportion word problems	
Solving equations including those with unknowns on both sides	
Solving inequalities	
Square numbers and square root	
Surds	
Surface area of a cone	
Writing a ratio in the form 1:n	

Revision Links

Sparx Maths https://www.sparxmaths.uk/student/

Corbett Maths

https://corbettmaths.com/

BBC Bitesize Learning

https://www.bbc.co.uk/bitesize/subjects/zqhs34j

Oak National Academy

https://www.thenational.academy/teachers/programmes/maths-secondary-ks3/units

Third Space Learning

https://thirdspacelearning.com/secondary-resources/

Year 9 Science Revision List Summer 2025

Exam information: All students in Year 9 will complete their exam in June 2025 and you will be given a 1-hour lesson to complete an assessment for Teacher A (Biology & Chemistry) and a separate 1-hour lesson to complete an assessment for Teacher B (Chemistry & Physics)

Written exam: 2 x 1 hour exams

Marks: 48 marks for Paper A and 54 marks for Paper B

Questions: A mixture of multiple choice, structured, closed short answer, and open response.

Additional Information: You need to bring a pen, pencil and calculator to your exam. This exam will cover topics from

vear 9 only.

	Topics	Revised?
	Cells: I can identify similarities and differences between eukaryotic and prokaryotic cells	
	Cells: I can define and compare the three forms of cell transport – diffusion, osmosis and active transport	
	Digestive System: I can identify the components of digestive system and their functions	
	Digestive System: I can define and discuss the functions of enzymes	
Α	Digestive System: I can recall and understand the method for enzyme required practical and food tests	
	Separation Techniques: I can identify different separation techniques and give examples of mixtures which can separated with these methods	
	States of Matter: I can identify diagrams of solids, liquids and gases	
	States of Matter: I can define elements, compounds and mixtures	
	Chemical Reactions: I can identify elements within a chemical formula	
	Chemical Reactions: I can identify properties of metals	
	Chemical Reactions: I can interpret the reactivity series for metals	
	Chemical Reactions: I can state the definition for conservation of mass and apply to a chemical reaction	
В	Forces: I can identify forces and apply this in a force diagram	
В	Forces: I can state Hooke's law and interpret practical data on this	
	Energy: I can identify vector and scalar quantities	
	Energy: I can state and apply the equations for Gravitational Potential energy, Kinetic Energy and Elastic Potential Energy	
	Waves: I can define the two types of waves and identify differences between them	
	Waves: I can define amplitude, wavelength and frequency	

Revision Links

Cognito Science Lessons

https://cognitoedu.org/home

Cells - Cell Structure Lesson | GCSE Biology AQA Foundation Triple | Cognito

Digestive System - Digestive System Lesson | GCSE Biology AQA Foundation Triple | Cognito

Separation Techniques - Filtration & Crystalisation Lesson | GCSE Chemistry AQA Foundation Triple | Cognito

States of Matter - Atoms Lesson | GCSE Chemistry AQA Foundation Triple | Cognito

Chemical Reactions - The Reactivity Series & Displacement Reactions Lesson | GCSE Chemistry AQA Foundation Triple | Cognito

Forces - Contact & Non-contact Forces Lesson | GCSE Physics AQA Foundation Triple | Cognito

Energy - Energy Stores & Systems Lesson | GCSE Physics AQA Foundation Triple | Cognito

Waves - Longitudinal & Transverse Waves Lesson | GCSE Physics AQA Foundation Triple | Cognito

BBC Bitesize

Cells - https://www.bbc.co.uk/bitesize/guides/z84jtv4/revision/1

Transport in Cells - https://www.bbc.co.uk/bitesize/guides/zc7k2nb/revision/1

Digestive System - https://www.bbc.co.uk/bitesize/guides/zyptv9q/revision/1

Separation Techniques - https://www.bbc.co.uk/bitesize/guides/zpbkh39/revision/1

Using Resources - https://www.bbc.co.uk/bitesize/guides/zgqhcj6/revision/1

Rates of Reaction - https://www.bbc.co.uk/bitesize/guides/z3nbqhv/revision/1

Exothermic and Endothermic Reactions - https://www.bbc.co.uk/bitesize/guides/zwfr2nb/revision/1

Energy - https://www.bbc.co.uk/bitesize/topics/zycbsrd/articles/znhtywx

Forces - https://www.bbc.co.uk/bitesize/guides/zpqngdm/revision/1

Waves - https://www.bbc.co.uk/bitesize/topics/zcwkgdm/articles/zkmrwsg

History Revision List Summer 2025

Exam information:

Students will sit a 1-hour exam and will be expected to answer the following styles of questions as practiced in class:

- Multiple choice
- Describe questions
- Explain the significance questions
- Interpretation guestions
- Source questions

Students should use their books, BBC bitesize and the revision resource given to them in lesson to revise the following topics in detail. Multiple choice questions will test knowledge from throughout the year so overview reading should also be completed at home.

Topic	Revised ?
Emeline Pankhurst and the Suffragettes	
The Treaty of Versailles	
Education in Nazi in Germany	
English Civil War (Year 8 Topic)	
Simon De Montfort (Year 7 Topic)	

Revision Links

Emeline Pankhurst - https://www.bbc.co.uk/bitesize/articles/zh7kdxs#zxy2m39

The Treaty of Versailles - https://www.bbc.co.uk/bitesize/articles/zxjg3j6

Education in Nazi Germany - https://www.bbc.co.uk/bitesize/guides/zp3p82p/revision/3

English Civil War - https://www.bbc.co.uk/bitesize/topics/zk4cwmn/articles/zxxgg7h#z9q9jfr

Simon De Montfort - https://learning.parliament.uk/en/resources/simon-de-montfort-video/

Geography Revision List Summer 2025

Exam information:

Y9

- The exam is out of 40 marks
- There are 12 marks from Y7 and Y8 topics
- There will be a variety of short questions, match up questions, 4-mark questions and a 9-mark question with additional 3 marks for spelling, punctuation and grammar.

Topic	Revised
Hard and soft engineering – Rivers (Y7 retrieval)	f
Land use model (Burgess Model) and Settlement hierarchy (Y7 retrieval)	
Renewable vs Non-renewable energy (Y8 retrieval)	
Types of tourism (Y8 retrieval)	
Plate margins (Y8 retrieval – constructive, conservative, destructive and collision)	
Push and pull factors to migration (Y8 retrieval)	
Types of extreme weather	
Causes and effects of climate change	
TNCs	
Globalisation and transport	
Glacial Processes (erosion, transportation and deposition)	
Types of regeneration	
Effects of regeneration – Liverpool One and Albert Docks	
3Ps (planning, prediction and protection – Tropical storms)	
Plant and animal adaptations (tropical rainforest, polar and desert environments)	

Revision Links

- •https://senecalearning.com/en-GB/revision-notes/ks3/geography/national-curriculum/14-1-4-the-land-use-model (Burgess Model)
 - *https://www.internetgeography.net/topics/what-is-a-settlement-hierarchy/ Settlement hierarchy
 - https://www.bbc.co.uk/bitesize/guides/zq4hvcw/revision/2 Types of tourism
 - https://www.bbc.co.uk/bitesize/guides/z2vjxsg/revision/3 Plate margins
 - https://www.bbc.co.uk/bitesize/guides/zg4tfrd/revision/3 Hard vs soft engineering
 - •https://www.bbc.co.uk/bitesize/guides/zp2j39q/revision/1 Glacial processes
 - •https://www.bbc.co.uk/bitesize/guides/zfmyp4j/revision/4 Animal adaptations deserts
 - •https://www.youtube.com/watch?v=e3V2SlBn36A Effects of regeneration Liverpool One
 - •https://www.youtube.com/watch?v=dD_vyptah-g Effects of globalisation

Religious Studies Year 9 Revision List Summer 2025

Exam information:

The RS exam will assess you on the units of work you have learnt in Year 7, 8 and 9. There will be 5 question types in the exam. The exam will be one paper and 50 minutes long. You will need a pen, pencil and ruler.

The questions below test your knowledge and understanding of what you have learnt.

- 1-mark question- multiple choice question
- 2-mark question- will always begin with 'Give two...' or 'Name two...'
- 4-mark question- will ask for two developed beliefs or teachings. It always begins with 'Explain two...'
- 5-mark question- will ask for two developed beliefs or teachings plus a reference to a text or a specific example. It always begins with the command words 'Explain two...'. In addition, it will also ask you to 'Refer to a specific holy book or example.'

You will also have a **12-mark** question. This will test your **analytical and evaluative skills**. It will always begin with a statement and then will ask you **evaluate the statement**. There will be bullet points guiding you how to structure your answer. In class teachers have asked you to structure your answer with **5 paragraphs**. The focus of the paragraphs should be:

1. Agree 2. Disagree 3. Agree 4. Disagree 5. Conclusion

Each paragraph should be constructed with four sentences:

1.Point 2. Evidence 3. Explanation 4. Evaluation (A sentence that evaluates (assesses) how strong the argument is in relation to the statement.

	Topic	Revised?
1.	Year 9- Religion and the Media (What is the media? How is religion portrayed in the media? How does the media impact religion? Should the media be censored on matters of religious belief?)	
2.	Year 9- Being Human (Is it right to test on animals? Is the death penalty acceptable? Is sometimes necessary to go to war?)	
3.	Year 9- Religion and Science (How do religions explain the existence of the universe and human life? How does science explain the existence of the universe and human life? Do miracles happen? Are religion and science compatible?)	
4.	Year 8- Inspirational people (What does it mean to be inspirational? Who is Ghandi? Who is Rosa Parks? Who is Martin Luther King? Who is Emmeline Pankhurst? Who is Oscar Romero?)	
5.	Year 7- What are the key beliefs and practices in Christianity? (How does Christianity begin? Who is Jesus? What is the Bible? What are the different Christian denominations? What are key festivals in Christianity?)	

- 1. Knowledge organisers https://greatsankey.org/curriculum/knowledge-organisers
- 2. BBC bitesize https://www.bbc.co.uk/bitesize/subjects/zh3rkqt
- 3. Seneca learning https://senecalearning.com/en-GB/revision-notes/ks3/religious-studies/national-curriculum
- 4. National Oak Academy https://www.thenational.academy/teachers/programmes/religious-education-secondary-ks3-l/units
- 5. Education quizzes https://www.educationquizzes.com/ks3/religious-education/

Subject:

Year 9 French

Topics you should revise

Unit 1 - Me, my family & friends: family members, adjectives to describe self and others (physical appearance & personality and character) & relationships with others.

Unit 2 - House, home & region: different types of accommodation/places where people live, compass points, rooms in the house, furniture, places in a town, descriptions of a town, types of shops.

Unit 3 – My studies: opinions on school subjects, school routine, school facilities, describing school uniform & school rules.

Unit 4 - Free time: TV, film, music, sports, present tense verbs & past tense verbs.

Unit 5 - Food & drink: food and drink items, the partitive article, opinions on food & drink, mealtimes

Useful revision resources:

- Knowledge organiser
- Exercise book
- Websites include links e.g. Languagenut, Duolingo, wordreference.com, BBC Bite Size

Revision Tips

- Create something new: Just sitting and re-reading your notes isn't revision! Make something new a knowledge organiser, a concept map, flashcards, a quiz... anything that makes you work with the knowledge actively.
- Don't forget to practise: Practising written responses is important to get comfortable with extended pieces of writing. Use the past papers from the exam boards and example questions provided by your class teacher
- Not feeling motivated? Revise little and often: If you struggle to revise for extended periods of time, try
 to revise for a few minutes each day instead. You could use quotation banks or flashcards to test
 yourself.

Subject:

Year 9 Spanish

Topics you should revise

- Unit 1 Free time: Opinions on free time activities (hobbies, sports, cinema, Tv & music)
- Unit 2 Food/drink: different food/drink items, opinions of food/drink, mealtimes breakfast/lunch/dinner, ordering food at a restaurant.
- Unit 3 Family/friends: family members, describing self & others (physical descriptions & character), using the verbs SER & TENER, relationships with friends/family.
- Unit 4 Home & Town: different types of accommodation/places where people live, compass points, rooms in the house, furniture, positive and negative aspects of a town, environmental issues and solutions.
- Unit 5 School: Opinions on school subjects, school day and routine, school facilities, jobs and future careers

Useful revision resources:

- Knowledge organiser
- Exercise book
- Websites include links e.g. <u>Languagenut</u>, Duolingo, wordreference.com

Revision Tips

- Create something new: Just sitting and re-reading your notes isn't revision! Make something new a
 knowledge organiser, a concept map, flashcards, a quiz... anything that makes you work with the
 knowledge actively.
- Don't forget to practise: Practising written responses is important to get comfortable with extended pieces of writing. Use the past papers from the exam boards and example questions provided by your class teacher.
- Not feeling motivated? Revise little and often: If you struggle to revise for extended periods of time, try
 to revise for a few minutes each day instead. You could use quotation banks or flashcards to test
 yourself on key quotes and writing WHAT HOW WHY paragraphs.

Class:	Name:		
-Focus on making your drawing neaterFocus on ensuring your drawings are more accurate/ in proportionAdd more Darker/Mid/Lighter tonesUse a rubber to add highlights -Blend your tones together more -Spend time add in more small details	I can produce a piece under assessment condition.		
 -Add a www for your page -write about a challenge you have overcome -Add more opinions on the tasks you have completed. 	I can write about my opinion and evaluate my experiments and final piece.		
-Add more drawings into the empty spaceAdd More tone to your coloured pencil piece -Add more Darker/Mid/Lighter tonesUse a rubber to add highlights	I can produce 2 drawings showing tone.		
IB3	Steps to Success		
			AO2- Material tests & colour scheme
			Create a coloured Pencil sample of this Photograph →
			AO3- Recording Practise drawings & Inspiration
			Create a Tonal Pencil sample of
AO4- Final Composition		AO1- Analysis & Opinion	













Notes Section

Notes Section