

Year 11

GCSE Examinations Revision & Support Booklet

Revision Information and Support

Welcome

Welcome to the year 11 GCSE Exam support booklet. The aim of this booklet is to support pupils as they prepare for their final GCSE Examinations . Pupils have worked hard throughout the year and have shown heart and tenacity as they have developed their understanding of many new ideas and concepts.

The final GCSE exams are an important step in the life of pupils, their success in these exams will determine the next step of their education, and will remain important to them throughout their lives Skills developed and embedded now, will make preparing for the GCSE exams, easier and less stressful, resulting in higher outcomes.

This booklet contains information about what to revise for each subject as well as advice on how best to revise for each subject, with links to various websites, and other resources. Finally there is a revision plan for many subjects, this is the minimum expected revision that pupils should complete

How to revise- Top tips

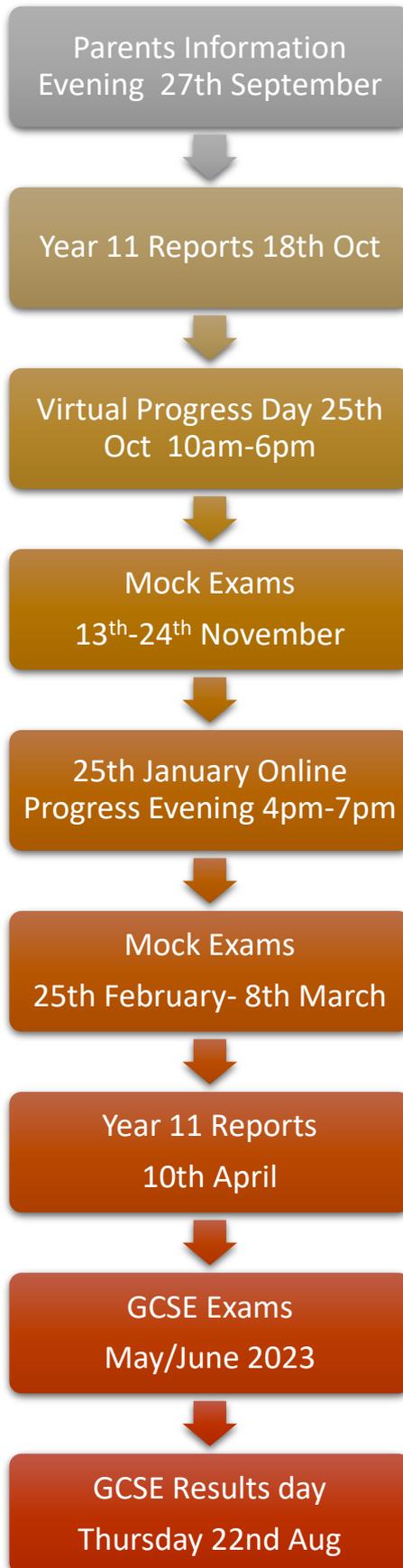
1. Start revising early
2. Plan your revision using a timetable
3. Don't spend ages making your notes look pretty
4. Set up a nice, tidy study space
5. Vary your revision with different activities
6. Do lots of practice papers and questions
7. Set aside time to do fun things — don't turn into a revision zombie
8. Keep your phone and other distractions away
9. Don't just read your notes
10. Sleep and eat properly



75% of pupils with over 95% attendance achieve 5 or more GCSEs at grades 4-9, (DfE research)

Pupils with no absence are 2.2 times more likely to achieve 5+ GCSE at grades 4-9 than those with 90% attendance. (DfE research)

Key Dates for Year 11



A student's guide to

EFFECTIVE REVISION



find what works for you!



Lets get started

Leaving all your revision and cramming at the last minute is stressful and has limited success. The earlier you start revising, the more likely you are to effectively cover all the content and remember it



Put a plan in place

Work out how much time you have and how long you can spend on each subject/topic- make sure all subjects get adequate time set aside!



Take regular breaks

It is possible to work too hard or for too long in one go! Your brain needs a rest to help it process information.



Create a suitable space

Find a quiet spot away from distractions such as the TV/your phone and keep your things all in one place, organized by subject!

REVISION STRATEGIES:



Create your own revision resources using Flashcards.

Method 1: Write a question on one side of the card and the answer on the back.



Method 4: Draw a diagram on one side, and the sequence and process on the back

Method 3: Write the quote on one side, and your thoughts/themes on the back

You can colour code your flash cards into topics, case studies or subjects!



Dual Coding- putting a visual next to your written information!

Your images must be relevant to the information you have written. Therefore if you were to see the image without the text, it should trigger you to remember/recall the information



Quizlet is another online platform in which you can create your own flashcards but digitally. You can access hundreds of other quizzing resources for your chosen topic/subject created by other users too!



Seneca Learning website:

Seneca has been designed by cognitive scientists to help students remember topics better and reduce their stress levels. You can access revision notes on each of your topics and then take quick tests to check your learning.



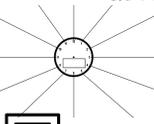
Switch the subject of conversation:

It's so easy to be distracted by friends or be tempted to put revision on the backburner for a quick chat so get the best of both worlds; quiz each other. Showcase all your knowledge to your friend, share ideas, you never know, they may have an idea or understanding about something, that you haven't!



Concept maps/mind maps:

A popular method is concept/mind mapping. Put a question or a topic in the center of the page and develop the idea into subtopics; including facts, chains of development, themes and/or quotes.



Revision clocks:

These sheets are available with a quick google. Broken into 12 sections this is a good way to break down a topic into small manageable chunks. You can even break it down into 5 minute chunks to see how much you remember!



Deliberate practice

Set time aside to practice what you will be doing in the exam - answering exam questions! Ask your teacher for questions!



Personal learning checklists:

Using the specification, create a list of topics you need to know and RAG your confidence. Ask your teacher first as they may have these already.

Revision guides/ knowledge organisers:

Use revision guides or knowledge organisers to help you focus in on what you need to learn. Use these in conjunction with another method mentioned.

Provide someone at home with a list of key terms or questions:

Provide someone at home with a list of key terms or questions that you want to master this week; every time they see you, they have to ask you one of these questions! It may even replace the usual conversation at the dinner table!



REVISION MISCONCEPTIONS:

There are many ways to revise, yet there are certain activities that make you feel like you are effectively revising, but in most cases, are just superficial!



Highlighting: More often than not we highlight text without actually thinking about why we are highlighting what we are highlighting. "To highlight everything, is to highlight nothing!"



Re-reading/summarising: Ensure that you are reading and making notes with an intended purpose, simply reading text is unlikely to provide you with information that will make its way into your long term memory!

TOP TIP: Colour code into themes to ensure your notes have a logical thinking process behind them



Year 11 Lesson 6

Lesson 6 is our bespoke after school revision program, you will be invited to attend by your class teacher.

If you have not been invited and would like to attend please see Ms Shepherd to find out if there are places left

Monday	Tuesday	Wednesday	Thursday
Science (Triple) (E33)	Geography (GG1 & GG3)	English (DG2& D14)	Maths 7+ (H12)
Science 6+ (E21)	History (G13 & G14)	French (E13)	Maths 5+ (H11)
Science 4+ (D24)			Maths 4+ (H14)
Science 3/4 (D34)			Maths 4 (H13)



GCSE English Language Revision Information and Tips

Exam Board	AQA	
Revision guide	Revision Guide Provided by Hartshill Academy	
Assessment breakdown	<ol style="list-style-type: none"> English Language Paper 1 – Creative Reading and Writing English Language Paper 2 – Writer’s Viewpoints and Perspectives 	
Useful Websites	<ul style="list-style-type: none"> GCSE Bitesize YouTube – Mr Bruff Microsoft Teams 	
Topics & Key Concepts	<ul style="list-style-type: none"> Analysis of language and structure Evaluation of writer’s intent 	<ul style="list-style-type: none"> Summary and retrieval of key information Analysis of the way language is used to present a viewpoint Comparison of viewpoints between an older ‘literary’ non-fiction text and a more recent non-fiction text
	<ul style="list-style-type: none"> Descriptive writing Narrative writing 	<ul style="list-style-type: none"> Non-fiction writing e.g. articles, speeches and letters
Top tips	<ul style="list-style-type: none"> Read lots; read widely; read often. Both challenging fiction and non-fiction news articles. A good place to find non-fiction is: https://www.theguardian.com/uk/commentisfree Exam time management. Each paper is 1 hour and 45 minutes. Each question has a set time. Stick to it! Practise papers to rehearse your timings Use sophisticated vocabulary and accurate SPaG 	
Support in school	<ul style="list-style-type: none"> Microsoft Teams Period 6 sessions Wednesdays after school in DG2 	

GCSE English Literature Revision Information and Tips

Exams	Paper 1 – Macbeth and A Christmas Carol. Paper 2 – Paper 2 – An Inspector Calls, Power and Conflict Poetry and Unseen Poetry	
Exam Board	AQA	
Revision guide	Revision Guide Provided by Hartshill Academy	
Assessment breakdown	1. Paper 1 – Macbeth and A Christmas Carol. 2. Paper 2 – An Inspector Calls, Power and Conflict Poetry and Unseen Poetry.	
Useful Websites	<ul style="list-style-type: none"> • GCSE Bitesize • YouTube – Mr Bruff • Microsoft Teams • QuoteMaster – phone app 	
Topics & Key Concepts	A Christmas Carol <ul style="list-style-type: none"> • Plot • Characters • Themes • Historical and social Context • Key quotations • Essay writing using an extract 	Macbeth <ul style="list-style-type: none"> • Plot • Characters • Themes • Historical and social context • Key quotations • Essay writing using an extract
	Unseen Poetry <ul style="list-style-type: none"> • Language, form and structure techniques • Analysis and comparison of writer's intent 	An Inspector Calls <ul style="list-style-type: none"> • Plot • Characters • Themes • Historical and social context • Key quotations • Essay writing responding to an open question/task
	Power and Conflict Poetry <ul style="list-style-type: none"> • What is happening in each poem • Historical and social context • Key quotations from each poem • Key themes • Compare themes and ideas across the different poems 	
Top tips	<ul style="list-style-type: none"> • Re-read the texts • Learn the key quotations and test yourself regularly • Use the QuoteMaster app to test your knowledge of the key quotes • Exam time management. Each section is 50 minutes Do not spend longer than that on your responses • Plan your answers! • Use sophisticated vocabulary and accurate SPaG 	
Support in school	<ul style="list-style-type: none"> • Microsoft Teams for resources • Use your York Notes English revision guides • Period 6 sessions Wednesdays in DG2 	

GCSE Mathematics Revision Information and Tips

ExamS	Paper 1 Non Calculator (80 Marks) Paper 2 Calculator (80 Marks) Paper 3 Calcualtor (80 Marks)
Exam Board	Edexcel
Revision guide	Revision Guide Provided by Hartshill Academy
Assessment breakdown	100% Exam
Useful Websites and apps	<ul style="list-style-type: none"> • Corbettmaths https://corbettmaths.com/contents/ (free site with videos and worksheets) • Maths Genie https://www.mathsgenie.co.uk/gcse.html (free site with videos and exam questions) • Sparx Maths – login provided by school
Topics & Key Concepts	<p>Everything that you have been taught in Maths from primary school until the end of Year 11.</p> <ul style="list-style-type: none"> • Geometry • Algebra • Number • Ratio and Proportion • Shape, Space and Measures
Top tips	<ul style="list-style-type: none"> • Practice past Edexcel exam papers on Maths Genie • Staff will be marking 2 sets of mock exams over the coming weeks and months and also give you a gap analysis and intervention sessions to close those gaps – you need to be watching the videos for these areas too. • Watch all of the Corbett Maths clips, and complete all of the associated questions • Use your revision guide for anything that you don't know. • Ensure you have the correct equipment – Scientific Calculator and Maths Set – IT IS ESSENTIAL! <p>YOU MUST BE COMPLETING EXAM QUESTIONS – just reading Maths is no good for revision, you have to actually DO IT! Listen to your mathematics teacher and work hard in lessons, they will guide you through the exam.</p>
Support in school	<ul style="list-style-type: none"> • 4 Maths lessons each week with experienced GCSE Maths Teachers and Examiners • Maths during form time for some pupils • Lesson 6 on a Thursday Foundation • Lesson 6 on a Thursday Higher
Calculator	<p>All pupils a required to have a calculator, we recommend the Casio CLASSWIZ FX-83GTX</p> 

The Forgetting Pit

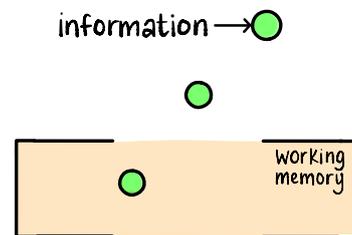


By Bruce Robertson

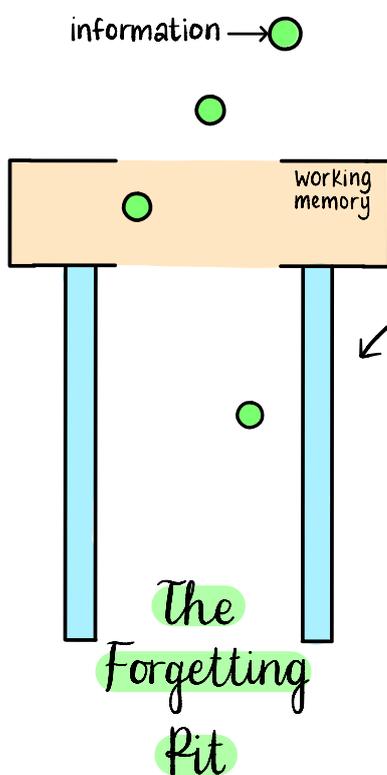
Grace Hudson
@MissH-biology

Paying attention & thinking

- You learn by paying attention to information and THINKING about it.
- When you pay attention to information, it enters your working memory.



Working memory is where THINKING happens



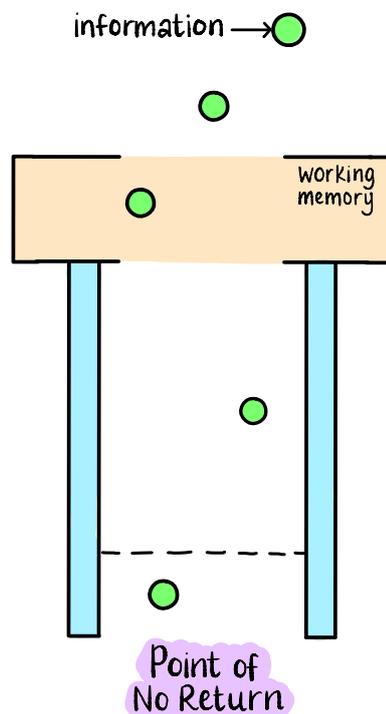
- However, working memory is limited in terms of how much information it can hold and how long it can hold it.
- Information doesn't stay in working memory for long.
- Instead, it quickly moves into the Forgetting Pit.

→ The Forgetting Pit is an alternative way to think about your LONG-TERM MEMORY

unlimited capacity

EVERYTHING we pay attention to falls into the Forgetting Pit.

However, not everything that goes into this pit is forgotten.



The Point of No Return

- Information can be said to be 'forgotten' if it can't be brought back out of the Forgetting Pit into working memory, despite prompts and reminders.
- The reason it can't be brought out is because it has fallen too far down the pit to be retrieved. It has fallen past the 'Point of No Return.'

GCSE Combined Science Revision Information and Tips

Exam Board	AQA Trilogy			
Resources	Revision Guide Provided by Hartshill Academy Scientific calculator			
Assessment breakdown	6 x 1 hour 15 minute exams			
Useful Websites	<p>BBC Bitesize: https://www.bbc.co.uk/bitesize/examspecs/z8r997h Seneca https://senecalearning.com/en-GB/ GCSEPod: https://www.gcsepod.com/ Free Science Lessons (youtube) https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw Primrose Kitten: https://www.primrosekitten.com/ Required Practicals – you can practice the full required practical activities here details on what below: http://www.focuselearning.co.uk/u/33442/nyDsxocwfbvvrbdqavkgeFcpqImrwDrev</p> <p>Specification: https://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF</p>			
Topics & Key Concepts	<p>All subjects below are linked to the exam specifications (link above)</p> <p>Please ensure that you revise the key ideas from these concepts and the required practical activities.</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Biology Paper 1 Foundation</p> <p>Topics 1-4:</p> <ul style="list-style-type: none"> • Cell Biology • Organisation • Infection and response • Bioenergetics <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 1: use a light microscope to observe, draw and label a selection of plant and animal cells. A magnification scale must be included. • Required practical activity 2: investigate the effect of a range of concentrations of salt or sugar solutions on the mass of plant tissue. • Required practical activity 3: use qualitative reagents to test for a range of carbohydrates, lipids and proteins. To include - Benedict's test for sugars; iodine test for starch; and Biuret reagent for protein. • Required practical activity 4: investigate the effect of pH on the rate of reaction of amylase enzyme. • Required practical activity 5: investigate the effect of light intensity on the rate of </td> <td style="width: 50%; vertical-align: top;"> <p>Biology paper 1 Higher</p> <p>Topics 1-4:</p> <ul style="list-style-type: none"> • Cell Biology • Organisation • Infection and response • Bioenergetics <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 1: use a light microscope to observe, draw and label a selection of plant and animal cells. A magnification scale must be included. • Required practical activity 2: investigate the effect of a range of concentrations of salt or sugar solutions on the mass of plant tissue. • Required practical activity 3: use qualitative reagents to test for a range of carbohydrates, lipids and proteins. To include - Benedict's test for sugars; iodine test for starch; and Biuret reagent for protein. • Required practical activity 4: investigate the effect of pH on the rate of reaction of amylase enzyme. • Required practical activity 5: investigate the effect of light intensity on the rate of photosynthesis using an aquatic organism such as pondweed. </td> </tr> </table>		<p>Biology Paper 1 Foundation</p> <p>Topics 1-4:</p> <ul style="list-style-type: none"> • Cell Biology • Organisation • Infection and response • Bioenergetics <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 1: use a light microscope to observe, draw and label a selection of plant and animal cells. A magnification scale must be included. • Required practical activity 2: investigate the effect of a range of concentrations of salt or sugar solutions on the mass of plant tissue. • Required practical activity 3: use qualitative reagents to test for a range of carbohydrates, lipids and proteins. To include - Benedict's test for sugars; iodine test for starch; and Biuret reagent for protein. • Required practical activity 4: investigate the effect of pH on the rate of reaction of amylase enzyme. • Required practical activity 5: investigate the effect of light intensity on the rate of 	<p>Biology paper 1 Higher</p> <p>Topics 1-4:</p> <ul style="list-style-type: none"> • Cell Biology • Organisation • Infection and response • Bioenergetics <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 1: use a light microscope to observe, draw and label a selection of plant and animal cells. A magnification scale must be included. • Required practical activity 2: investigate the effect of a range of concentrations of salt or sugar solutions on the mass of plant tissue. • Required practical activity 3: use qualitative reagents to test for a range of carbohydrates, lipids and proteins. To include - Benedict's test for sugars; iodine test for starch; and Biuret reagent for protein. • Required practical activity 4: investigate the effect of pH on the rate of reaction of amylase enzyme. • Required practical activity 5: investigate the effect of light intensity on the rate of photosynthesis using an aquatic organism such as pondweed.
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	<p>photosynthesis using an aquatic organism such as pondweed.</p>	
	<p>Chemistry Paper 1 Foundation</p> <p>Topics 8-12:</p> <ul style="list-style-type: none"> • Atomic structure and the periodic table • Bonding, structure, and the properties of matter • Quantitative chemistry • Chemical changes • Energy changes <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 8: preparation of a pure, dry sample of a soluble salt from an insoluble oxide or carbonate, using a Bunsen burner to heat dilute acid and a water bath or electric heater to evaporate the solution. • Required practical activity 9: investigate what happens when aqueous solutions are electrolysed using inert electrodes. This should be an investigation involving developing a hypothesis. • Required practical activity 10: investigate the variables that affect temperature changes in reacting solutions such as, e.g. acid plus metals, acid plus carbonates, neutralisations, displacement of metals. 	<p>Chemistry paper 1 Higher</p> <p>Topics 8-12:</p> <ul style="list-style-type: none"> • Atomic structure and the periodic table • Bonding, structure, and the properties of matter • Quantitative chemistry • Chemical changes • Energy changes <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 8: preparation of a pure, dry sample of a soluble salt from an insoluble oxide or carbonate, using a Bunsen burner to heat dilute acid and a water bath or electric heater to evaporate the solution. • Required practical activity 9: investigate what happens when aqueous solutions are electrolysed using inert electrodes. This should be an investigation involving developing a hypothesis. • Required practical activity 10: investigate the variables that affect temperature changes in reacting solutions such as, e.g. acid plus metals, acid plus carbonates, neutralisations, displacement of metals.
	<p>Physics Paper 1 Foundation</p> <p>Topics 18-21:</p> <ul style="list-style-type: none"> • Energy • Electricity • Particle model of matter • Atomic structure <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 14: an investigation to determine the specific heat capacity of one or more materials. The investigation will involve linking the decrease of one energy store (or work done) to the increase in temperature and subsequent increase in thermal energy stored. • Required practical activity 15: use circuit diagrams to set up and check appropriate circuits to investigate the factors affecting the resistance of electrical circuits. This should include: the length of a wire at constant temperature, combinations of resistors in series and parallel. • Required practical activity 16: use circuit diagrams to construct appropriate circuits to investigate the I–V characteristics of variety of circuit elements including a filament 	<p>Physics Paper 1 Higher</p> <p>Topics 18-21:</p> <ul style="list-style-type: none"> • Energy • Electricity • Particle model of matter • Atomic structure <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 14: an investigation to determine the specific heat capacity of one or more materials. The investigation will involve linking the decrease of one energy store (or work done) to the increase in temperature and subsequent increase in thermal energy stored. • Required practical activity 15: use circuit diagrams to set up and check appropriate circuits to investigate the factors affecting the resistance of electrical circuits. This should include: the length of a wire at constant temperature, combinations of resistors in series and parallel. • Required practical activity 16: use circuit diagrams to construct appropriate circuits to investigate the I–V characteristics of variety of circuit elements including a filament lamp, a diode and a resistor at constant temperature.

	<p>lamp, a diode and a resistor at constant temperature.</p> <ul style="list-style-type: none"> • Required practical activity 17: use appropriate apparatus to make and record the measurements needed to determine the densities of regular and irregular solid objects and liquids. Volume should be determined from the dimensions of regularly shaped objects and by a displacement technique for irregularly shaped objects. Dimensions to be measured using appropriate apparatus such as a ruler, micrometre or Vernier callipers. 	<ul style="list-style-type: none"> • Required practical activity 17: use appropriate apparatus to make and record the measurements needed to determine the densities of regular and irregular solid objects and liquids. Volume should be determined from the dimensions of regularly shaped objects and by a displacement technique for irregularly shaped objects. Dimensions to be measured using appropriate apparatus such as a ruler, micrometre or Vernier callipers.
	<p>Biology Paper 2 Foundation</p> <p>Topics 5-7:</p> <ul style="list-style-type: none"> • Homeostasis and response • Inheritance, variation and evolution • Ecology <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 6: plan and carry out an investigation into the effect of a factor on human reaction time. • Required practical activity 7: measure the population size of a common species in a habitat. Use sampling techniques to investigate the effect of a factor on the distribution of this species. 	<p>Biology Paper 2 Higher</p> <p>Topics 5-7:</p> <ul style="list-style-type: none"> • Homeostasis and response • Inheritance, variation and evolution • Ecology <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 6: plan and carry out an investigation into the effect of a factor on human reaction time. • Required practical activity 7: measure the population size of a common species in a habitat. Use sampling techniques to investigate the effect of a factor on the distribution of this species.
	<p>Chemistry Paper 2 Foundation</p> <p>Topics 13-17:</p> <ul style="list-style-type: none"> • The rate and extent of chemical change • Organic chemistry • Chemical analysis • Chemistry of the atmosphere • Using resources <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 11: investigate how changes in concentration affect the rates of reactions by a method involving measuring the volume of a gas produced and a method involving a change in colour or turbidity. • Required practical activity 12: investigate how paper chromatography can be used to separate and tell the difference between coloured substances. Students should calculate R_f values. • Required practical activity 13: analysis and purification of water samples from different sources, including pH, dissolved solids and distillation. 	<p>Chemistry Paper 2 Higher</p> <p>Topics 13-17:</p> <ul style="list-style-type: none"> • The rate and extent of chemical change • Organic chemistry • Chemical analysis • Chemistry of the atmosphere • Using resources <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 11: investigate how changes in concentration affect the rates of reactions by a method involving measuring the volume of a gas produced and a method involving a change in colour or turbidity. • Required practical activity 12: investigate how paper chromatography can be used to separate and tell the difference between coloured substances. Students should calculate R_f values. • Required practical activity 13: analysis and purification of water samples from different sources, including pH, dissolved solids and distillation.

	<p>Physics Paper 2 Foundation</p> <p>Topics 22-24:</p> <ul style="list-style-type: none"> • Forces • Waves • Magnetism and electromagnetism <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 18: investigate the relationship between force and extension for a spring. • Required practical activity 19: investigate the effect of varying the force on the acceleration of an object of constant mass and the effect of varying the mass of an object on the acceleration produced by a constant force. • Required practical activity 20: make observations to identify the suitability of apparatus to measure the frequency, wavelength and speed of waves in a ripple tank and waves in a solid and take appropriate measurements. • Required practical activity 21: investigate how the amount of infrared radiation absorbed or radiated by a surface depends on the nature of that surface. 	<p>Physics Paper 2 Higher</p> <p>Topics 22-24:</p> <ul style="list-style-type: none"> • Forces • Waves • Magnetism and electromagnetism <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 18: investigate the relationship between force and extension for a spring. • Required practical activity 19: investigate the effect of varying the force on the acceleration of an object of constant mass and the effect of varying the mass of an object on the acceleration produced by a constant force. • Required practical activity 20: make observations to identify the suitability of apparatus to measure the frequency, wavelength and speed of waves in a ripple tank and waves in a solid and take appropriate measurements. • Required practical activity 21: investigate how the amount of infrared radiation absorbed or radiated by a surface depends on the nature of that surface.
Top tips	<p>Practice past exam papers, and get them marked by staff. Complete all of the GCSE homework tasks. Use the revision guide provided by the school. YOU MUST BE COMPLETING EXAM QUESTIONS! Listen to your Science teacher and work hard in lessons, they will guide you through the exam.</p>	
Support in school	<p>Any break or lunch, come to the Science department. Period 6 – Monday afterschool – see your Science teacher to find out which group will suit you best. Tuesday lunchtime – drop in sessions in E33. Thursday lunchtime – 1-2-1 intervention (invitation only).</p>	

GCSE Biology Revision Information and Tips

Exam Board	AQA	
Resources	Revision Guide Provided by Hartshill Academy Scientific Calculator	
Assessment breakdown	2 x 1 hour 45 Minutes	
Useful Websites	<p>BBC Bitesize: https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7 Seneca https://senecalearning.com/en-GB/ GCSEPod: https://www.gcsepod.com/ Free Science Lessons (youtube) https://www.youtube.com/channel/UCqbOeHaAUXw9ll7sBVG3_bw Primrose Kitten: https://www.primrosekitten.com/ Required Practicals: http://www.focuselearning.co.uk/u/33442/nyDsxocwfbvvrbdqavkgeFcpqlmrwDrev</p> <p>Specification: https://filestore.aqa.org.uk/resources/biology/specifications/AQA-8461-SP-2016.PDF</p>	
Topics & Key Concepts	<p>Biology Paper 1</p> <p>Topics 1-4:</p> <ul style="list-style-type: none"> • Cell biology • Organisation • Infection and response • Bioenergetics <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 1: use a light microscope to observe plant cells. • Required practical activity 2: investigate the effect of antiseptics or antibiotics on bacterial growth using agar plates and measuring zones of inhibition. • Required practical activity 3: investigate the effect of a range of concentrations of salt solution on the mass of plant tissue. • Required practical activity 4: use qualitative reagents to test for a range of carbohydrates, lipids and proteins. • Required practical activity 5: investigate the effect of pH on the rate of reaction of amylase enzyme. • Required practical activity 6: investigate the effect of light intensity on the rate of photosynthesis using an aquatic organism such as pondweed. 	<p>Biology Paper 1</p> <p>Topics 5-7:</p> <ul style="list-style-type: none"> • Homeostasis and response • Inheritance, variation and evolution • Ecology <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 7: plan and carry out an investigation into the effect of a factor on human reaction time. • Required practical activity 8: investigate the effect of light or gravity on the growth of newly germinated seedlings. investigate the effect of light on the growth of newly germinated seedlings. • Required practical activity 9: measure the population size of a common species in a habitat. • Required practical activity 10: investigate the effect of temperature on the rate of decay of fresh milk by measuring pH change.

Top tips	<p>Practice past exam papers, and get them marked by staff.</p> <p>Complete all of the GCSE homework tasks.</p> <p>Use the revision guide provided by the school.</p> <p>YOU MUST BE COMPLETING EXAM QUESTIONS!</p> <p>Listen to your Science teacher and work hard in lessons, they will guide you through the exam.</p>
Support in school	<p>Any break or lunch, come to the Science department.</p> <p>Period 6 – Monday afterschool – see your Science teacher to find out which group will suit you best.</p> <p>Tuesday lunchtime – drop in sessions in E33.</p> <p>Thursday lunchtime – 1-2-1 intervention (invitation only).</p>

GCSE Chemistry Revision Information and Tips

Exam Board	AQA	
Resources	Revision Guide Provided by Hartshill Academy Scientific calculator	
Assessment breakdown	2 x 1 hour 45 Minutes	
Useful Websites	<p>BBC Bitesize: https://www.bbc.co.uk/bitesize/examspecs/z8xtmnb Seneca https://senecalearning.com/en-GB/ GCSEPod: https://www.gcsepod.com/ Free Science Lessons (youtube) https://www.youtube.com/channel/UCqbOeHaAUXw9ll7sBVG3_bw Primrose Kitten: https://www.primrosekitten.com/ Required Practicals: http://www.focuselearning.co.uk/u/33442/nyDsxoCwfbvvrbdqavkgeFcpqlmrwDrev</p> <p>Specification https://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-8462-SP-2016.PDF</p>	
Topics & Key Concepts	<p>Chemistry Paper 1</p> <p>Topics 1-5:</p> <ul style="list-style-type: none"> • Atomic structure and the periodic table • Bonding, structure, and the properties of matter • Quantitative chemistry • Chemical changes • Energy changes <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 1: preparation of a pure, dry sample of a soluble salt from an insoluble oxide or carbonate, using a Bunsen burner to heat dilute acid and a water bath or electric heater to evaporate the solution. • Required practical activity 2: determination of the reacting volumes of solutions of a strong acid and a strong alkali by titration. • Required practical activity 3: investigate the variables that affect temperature changes in reacting solutions such as, e.g. acid plus metals, acid plus carbonates, neutralisations, displacement of metals. • Required practical activity 4: investigate the variables that affect temperature changes in reacting solutions such as, eg, acid plus metals, acid plus carbonates, neutralisations, displacement of metals. 	<p>Chemistry Paper 2</p> <p>Topics 6-10:</p> <ul style="list-style-type: none"> • The rate and extent of chemical change • Organic chemistry • Chemical analysis • Chemistry of the atmosphere • Using resources <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 5: investigate how changes in concentration affect the rates of reactions by a method involving measuring the volume of a gas produced and a method involving a change in colour or turbidity. This should be an investigation developing a hypothesis. • Required practical activity 6: investigate how paper chromatography can be used to separate and tell the difference between coloured substances. Students should calculate R_f values. • Required practical activity 7: use of chemical tests to identify the ions in unknown single ionic compounds covering the ions from sections Flame tests through to Sulfates. • Required practical activity 8: analysis and purification of water samples from different sources, including pH, dissolved solids and distillation.

<p>Top tips</p>	<p>Practice past exam papers, and get them marked by staff. Complete all of the GCSE homework tasks. Use the revision guide provided by the school. YOU MUST BE COMPLETING EXAM QUESTIONS! Listen to your Science teacher and work hard in lessons, they will guide you through the exam.</p>
<p>Support in school</p>	<p>Any break or lunch, come to the Science department. Period 6 – Monday afterschool – see your Science teacher to find out which group will suit you best. Tuesday lunchtime – drop in sessions in E33. Thursday lunchtime – 1-2-1 intervention (invitation only).</p>

GCSE Physics Revision Information and Tips

Exam Board	AQA	
Resources	Revision Guide Provided by Hartshill Academy Scientific calculator	
Assessment breakdown	2 x 1 hour 45 Minutes	
Useful Websites	<p>BBC Bitesize: https://www.bbc.co.uk/bitesize/examspecs/zsc9rdm Seneca https://senecalearning.com/en-GB/ GCSEPod: https://www.gcsepod.com/ Free Science Lessons (youtube) https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw Primrose Kitten: https://www.primrosekitten.com/ Required Practicals: http://www.focuslearning.co.uk/u/33442/nyDsxoCwfbvvrbdqavkgeFcpqImrwDrev</p> <p>Specification: https://filestore.aqa.org.uk/resources/physics/specifications/AQA-8463-SP-2016.PDF</p>	
Topics & Key Concepts	<p>Physics Paper 1</p> <p>Topics 1-4:</p> <ul style="list-style-type: none"> • Energy • Electricity • Particle model of matter • Atomic structure <p>Required practical activities that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 1: an investigation to determine the specific heat capacity of one or more materials. The investigation will involve linking the decrease of one energy store (or work done) to the increase in temperature and subsequent increase in thermal energy stored. • Required practical activity 2: investigate the effectiveness of different materials as thermal insulators and the factors that may affect the thermal insulation properties of a material. • Required practical activity 3: Use circuit diagrams to set up and check appropriate circuits to investigate the factors affecting the resistance of electrical circuits. This should include: the length of a wire at constant temperature, combinations of resistors in series and parallel. 	<p>Physics Paper 2</p> <p>Topics 5-8:</p> <ul style="list-style-type: none"> • Forces • Waves • Magnetism and electromagnetism • Space physics <p>Required practical activity that will be assessed:</p> <ul style="list-style-type: none"> • Required practical activity 6: investigate the relationship between force and extension for a spring. • Required practical activity 7: investigate the effect of varying the force on the acceleration of an object of constant mass and the effect of varying the mass of an object on the acceleration produced by a constant force. • Required practical activity 8: make observations to identify the suitability of apparatus to measure the frequency, wavelength and speed of waves in a ripple tank and waves in a solid and take appropriate measurements. • Required practical activity 9: investigate the reflection of light by different types of surface and the refraction of light by different substances. • Required practical activity 10: investigate how the amount of infrared

	<ul style="list-style-type: none"> • Required practical activity 4: use circuit diagrams to construct appropriate circuits to investigate the I–V characteristics of a variety of circuit elements including a filament lamp, a diode and a resistor at constant temperature. • Required practical activity 5: use appropriate apparatus to make and record the measurements needed to determine the densities of regular and irregular solid objects and liquids. Volume should be determined from the dimensions of regularly shaped objects, and by a displacement technique for irregularly shaped objects. Dimensions to be measured using appropriate apparatus such as a ruler, micrometre or Vernier callipers. 	radiation absorbed or radiated by a surface depends on the nature of that surface.
Top tips	<p>Practice past exam papers, and get them marked by staff. Complete all of the GCSE homework tasks. Use the revision guide provided by the school. YOU MUST BE COMPLETING EXAM QUESTIONS! Listen to your Science teacher and work hard in lessons, they will guide you through the exam.</p>	
Support in school	<p>Any break or lunch, come to the Science department. Period 6 – Monday afterschool – see your Science teacher to find out which group will suit you best. Tuesday lunchtime – drop in sessions in E33. Thursday lunchtime – 1-2-1 intervention (invitation only).</p>	

Sticky Information

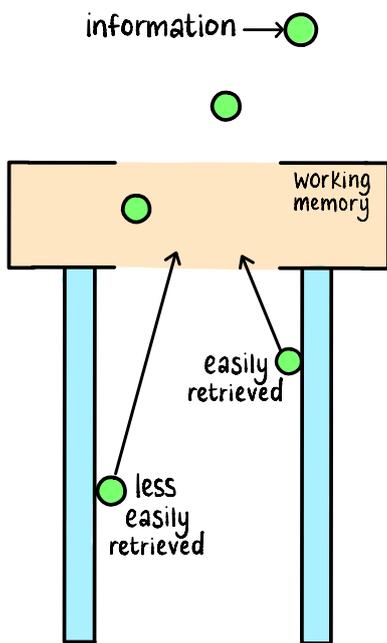
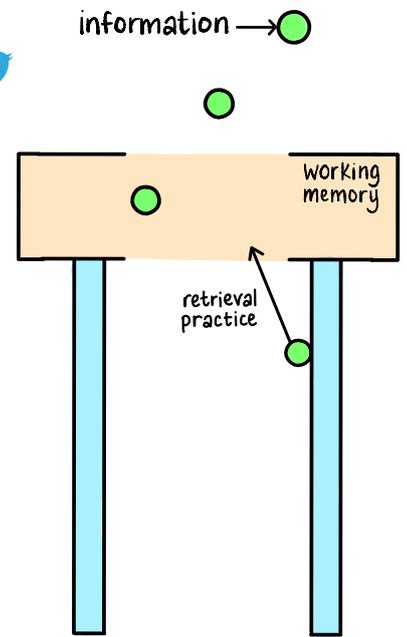
Grace Hudson
@MissH.biology

information → ●

Thankfully, some of the information you pay attention to sticks to the walls of the Forgetting Pit. This is

*** learning ***

The better 'stuck' to the wall something is, the better it is learned. Information which has been learned (that is, stuck to the wall) can be retrieved.



How easily retrieved information is depends on how far down the pit it has gone. The further down the pit something is, the more difficult it is to retrieve.

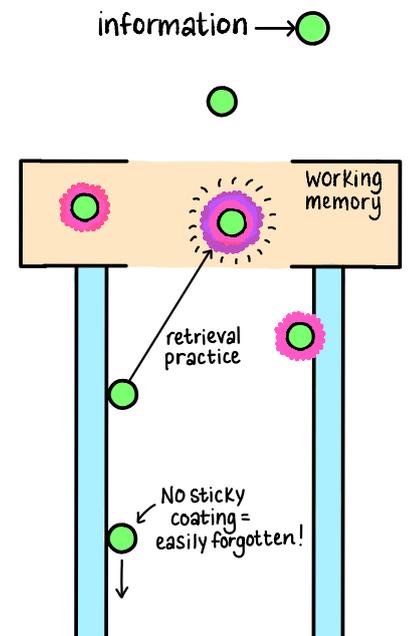
One of the laws of learning is that we tend to **forget.**

With a few exceptions, everything we have learned is moving down the Forgetting Pit.

What this means is that we can learn something well ~ it can stick tightly to the walls ~ but over time, because it is sliding down, it is less easy to retrieve than it was.

What makes information sticky?

- Information sticks to the walls of the Forgetting Pit because of the sticky **COATING** it is given in working memory.
- This sticky coating is added when you **THINK** about information in working memory. If you don't think about it, it doesn't get a sticky coating!
- When you **RETRIEVE** a piece of information, you bring it back into your working memory. Every time you do this, the stickier the coating becomes!
- When this retrieval practice is spaced out over periods of time, the coating gets stickier and stickier.



GCSE Food Preparation & Nutrition Information and Tips

Exam Board	AQA Food Preparation & Nutrition	
Revision guide	Revision Guide Provided by Hartshill Academy	
Assessment breakdown:		
Examination paper	<p>Paper 1: Food preparation and nutrition</p> <ul style="list-style-type: none"> Theoretical knowledge of food preparation and nutrition from Sections 1 to 5. <p>How it's assessed Written exam: 1 hour 45 minutes 100 marks 50% of GCSE Questions Multiple choice questions (20 marks) Five questions each with a number of sub questions (80 marks)</p>	<p>Non-exam assessment (NEA)</p> <p>Practical investigations are a compulsory element of this NEA task.</p> <p>Task 2: Food preparation assessment (70 marks) Students' knowledge, skills and understanding in relation to the planning, preparation, cooking, presentation of food and application of nutrition related to the chosen task.</p> <p>Students will prepare, cook and present a final menu of three dishes within a single period of no more than three hours, planning in advance how this will be achieved.</p>
Useful Websites	<p>GCSEpod Website: https://www.gcsepod.com/ Seneca website: https://www.senecalearning.com/</p>	
Topics & Key Concepts	<p>Food preparation skills are integrated into five core topics:</p> <ul style="list-style-type: none"> Food, nutrition and health Food science Food safety Food choice Food provenance 	
Top tips	<ul style="list-style-type: none"> Make sure you know which topics you need to revise for each subject. Use your exam board specifications as a revision list. Make your revision active. Don't just read notes. You could make flash cards, mind maps or use post it notes. Watching videos online of key facts and methods can really help to bring your notes alive! Test yourself by completing past papers or asking a friend to test you! This will identify areas of strength and weakness. Use the mark schemes to support your understanding. Build in rewards for your revision e.g.: your favourite snack or meeting friends. 	
Support in school	<p>Any break or lunch, come to C Building Revision Classes will start in January.</p>	

GCSE Geography Revision Information and Tips

Exam Dates	<ul style="list-style-type: none"> • Paper 1 Global Geographical Issues • Paper 2 UK Geographical Issues • Paper 3 Environmental Issues 		
Exam Board	Edexcel B		
Revision guide	Revision Guide Provided by Hartshill Academy		
Assessment breakdown	100% Exam Paper 1 37.5% Paper 2 37.5% Paper 3 25%		
Useful Websites	<i>Educake – excellent for knowledge and self-quizzing</i> <i>Seneca Learn – excellent for knowledge retrieval and quizzing</i> <i>GCSE Pod – short clips, great for summarising key concepts</i> <i>BBC Bitesize – succinct information for all topics</i>		
Topics & Key Concepts	<p>Paper 1 Global Geographical Issues</p> <p>Section A Hazardous Earth – Tectonics, climate systems & cyclones</p> <p>And</p> <p>Section C - Urbanising World – Urban areas & Mumbai</p>	<p>Paper 2 UK Geographical Issues</p> <p>Section A UK Physical Landscapes – Coasts & Rivers</p> <p>Section B UK Human Landscapes – Urban/ rural areas & Birmingham</p> <p>Section C Unfamiliar fieldwork – Focus - river & urban</p>	<p>Paper 3 People & Environmental Issues</p> <p>Section A People & the Biosphere – factors affecting & theories</p> <p>Section B Forests Under Threat – Tropical Rainforests & Taiga</p> <p>Section C Consuming Energy Resources</p> <p>ISSUE EVALUATION - Resource booklet</p>
Top tips	<ul style="list-style-type: none"> - Breakdown key geographical terms and ensure you know the definitions - Use case study evidence – Specific facts not generic anywhere points - Use the figures e.g. photographs, maps and data presented in the exam paper - Deconstruct the question ensure your answer is appropriate to the command word - Look at the number of marks available e.g. 2/3/4 or 8 - When explaining use “because”, “leads to”, “therefore” BLT - For graph analysis use – “trend”, “evidence (data)”, “anomaly” TEA - Use knowledge organisers to break down the content and make revision notes. 		
Support in school	Every Wednesday there is intervention Afterschool – G11 We also provide all pupils with topic summary booklets, case study flashcards, broadsheet breakdown sheets, retrieval tasks and knowledge organiser pack and lots of exam practice.		

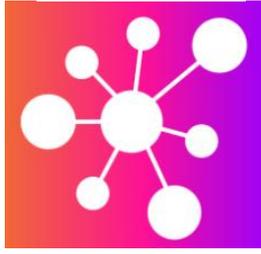
GCSE History Revision Information and Tips

Exam Board	Pearson Edexcel GCSE.	
Revision guide	Revision Guide Provided by Hartshill Academy	
Assessment breakdown	100% examination: Paper 1 – 52 marks, 39% of overall GCSE Paper 2 – 30 marks, 22% of overall GCSE Paper 3 – 52 marks, 39% of overall GCSE	
Useful Websites	www.gcsepod.com www.senecalearning.com/en-GB www.bbc.co.uk/bitesize/examspecs/zw4bv4j https://quizlet.com/en-gb/content/gcse-history-revision https://qualifications.pearson.com/en/qualifications/edexcel-gcse/history-2016.coursematerials.html#filterQuery=Pearson-UK:Category%2FExam-materials	
Topics	<p>Medicine in Britain c1250 to present day, including:</p> <ul style="list-style-type: none"> • Medicine in Middle Ages Britain • Medicine in Renaissance Britain • Medicine in 18th & 19th Century Britain • Medicine in modern Britain. <p>The Historic Environment – The British Sector of the Western Front during WII.</p>	
	<p>Henry VIII and his ministers 1509 to 1540, including:</p> <ul style="list-style-type: none"> • Henry VIII and Wolsey: 1509 to 1529 • Henry VIII and Cromwell: 1529 to 1540 • Henry VIII and the Reformation: 1529 to 1540. 	<p>Weimar and Nazi Germany 1918 to 1939, including:</p> <ul style="list-style-type: none"> • The Weimar Republic 1918 to 1929 • Hitler's rise to power 1919 to 1933 • Nazi control and dictatorship 1933 to 1939 • Life in Nazi Germany 1933 to 1939.
Key Concepts	<p>Assessment objectives covered across the examination papers:</p> <p>AO1: Demonstrate knowledge and understanding of the key features and characteristics of the periods studied.</p> <p>AO2: Explain and analyse historical events and periods studied using second-order historical concepts.</p> <p>AO3: Analyse, evaluate and use sources (contemporary to the period) to make substantiated judgements, in the context of historical events studied.</p> <p>AO4: Analyse, evaluate and make substantiated judgements about interpretations (including how and why interpretations may differ) in the context of historical events studied.</p> <p>Paper 1: Section A: Historic environment – The British Sector of the Western Front during WII, 10%. AO1: Describe two features of... 4 marks.</p>	

	<p>AO3: How useful are Sources A and B for an enquiry into...? 8 marks. AO3: How could you follow up Source [A/B] to find out more about...? 4 marks.</p> <p>Paper 1: Section B: Thematic study – Medicine in Britain c1250 to present day, 20%. AO1/AO2: Explain one way in which X was [similar/different] to Y. 4 marks. AO1/AO2: Explain why...12 marks. AO1/AO2: '[Statement.]' How far do you agree? Explain your answer. 16 marks +4 marks for SPaG.</p> <p>Paper 2: Booklet B3: British Depth Study – Henry VIII and his ministers, 20%. AO1: Describe two features of... 4 marks. AO1/AO2: Explain why... 12 marks. AO1/AO2: '[Statement.]' How far do you agree? Explain your answer. 16 marks.</p> <p>Paper 3: Modern Depth Study – Weimar and Nazi Germany 1919 to 1939. Section A AO3: Give two things you can infer from Source A about... 4 marks. AO1/AO2: Explain why.... 12 marks.</p> <p>Section B AO3: How useful are Sources B and C for an enquiry into...? 8 marks. AO4: What is the main difference between the views? 4 marks. AO4: Suggest one reason why Interpretations 1 and 2 give different views about...4 marks. AO4: How far do you agree with Interpretation [1/2] about...? 16 marks + 4 marks for SPaG.</p>
<p>Top tips</p>	<ul style="list-style-type: none"> • Start your revision early. • Break topics down into small chunks to make it more manageable. • Flashcards can be very useful. • Making mind-maps can help you make and show the connections between events/individuals in History. • Practice using past papers under timed conditions. Start with one question at a time, then build it up adding more questions, until you are answering all the questions from a paper in the time allowed. Ask your teacher for feedback. • 95% plus, attendance to lessons is vital. • Get all the revision guides available to you, use them as active working documents.
<p>Support in school</p>	<p>After school revision classes will be available. (Lesson 6 Tuesday Nights) Before school history drop in. Speak to your teacher or any member of the History department for support.</p>

GCSE Religious Studies Revision Information and Tips

Exam Date	TBC	
Exam Board	WJEC EDUQAS (Route A)	
Revision guide	Hodder Education: My revision notes: WJEC EDUQAS GCSE Religious Studies Route A	
Assessment breakdown	<p>Component One: Religious, Philosophical and ethical studies in the modern world Length of exam: 2 hours 50% of total marks</p> <p>Component Two: Study of Christianity Length of exam: 1 hour 25% of total marks</p> <p>Component Three: Study of One optional Religion – Islam Length of exam: 1 hour 25% of total marks</p>	
Useful Websites	EDUQAS website Brainscape – flashcard revision website BBC Bitesize Quizlet	
Topics & Key Concepts	<p>Component One: Religious, Philosophical and ethical studies in the modern world through Christianity, Judaism and Islam. Themes based approach with four distinct themes:</p> <p>Issues of relationships Issues of life and death Issues of good and evil Issues of human rights</p>	
	<p>Component Two: Study of Christianity</p> <p>Beliefs and teachings Practices</p>	<p>Component Three: Study of One optional Religion – Islam</p> <p>Beliefs and teachings Practices</p>
Top tips	<ul style="list-style-type: none"> • Breakdown key terms and ensure you know the definitions • Use appropriate evidence – quotes from sacred texts • Show your knowledge of the diversity of the idea/belief or religious practice for question c • Deconstruct the question - ensure your answer is appropriate to the command word • Look at the number of marks available e.g. 2/5/8/15 • When explaining use “because”, “leads to”, “therefore” BLT • Use knowledge organisers to break down the content and make revision notes. 	
Support in school	Pupils will be provided with revision sheets, retrieval tasks and knowledge organiser pack and lots of exam practice.	



Remember More App

This is a fantastic revision aid to help with knowledge recall of the core knowledge:

Choose a deck

KS3 Geog Must Know Key Terms



KS3 Physical Geog

KS3 Human Geog

KS3 Science



GCSE English - A Christmas Carol

GCSE English - An Inspector Calls

GCSE English - Dr Jekyll and Mr Hyde



GCSE Food Prep & Nutrition

GCSE Edexcel B Geography

GCSE Geog Must Know Key Terms

GCSE Geog Case Studies

GCSE History American West

GCSE History Germany 1918-1939

GCSE History Medicine Through Time

GCSE DT AQA

GCSE Macbeth

GCSE Dr Jekyll and Mr Hyde



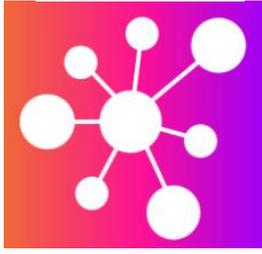
GCSE Poetry Power and Conflict



For more information:

<https://www.remembermore.app/remembermore-app>

<https://www.youtube.com/watch?v=SorwqK3uMrQ>



RememberMore App

Please follow instructions as to how to download this app, your class teacher will tell you which deck to choose. If you are unable to download the app you can use <https://classroom.remembere.com/app/hartshill>

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RememberMore (Beta)
Alex Warren

PEGI 3

Install

You're a beta tester for this app. Future updates will include beta versions.

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Please enter your name:

Join Group

Please include your class code e.g. 7b1HelenPipe

Getting Started

Choose a deck - with the ability to switch between decks at any time

Review - the process of selecting (filtering) and/or combining the cards you wish to learn, know and remember

My Stats - your performance and progress metrics

Rewards - recognition for your commitment to your learning

Settings - personalise the "Did you know it?" buttons and show/hide tags

How to - a link back to the RememberMore site (and this page)

Feedback or **Submit a Question** - an opportunity to share feedback or to submit a question to RememberMore. We really do value your feedback and contributions.

RememberMore

No deck selected

Choose

Review

My Stats

Rewards

Settings

How To

Feedback

Submit a Question

KS3 Oliver Twist Play	340
KS3 Of Mice and Men Entry Level soon coming	
KS3 Romeo and Juliet	394
KS3 A Story Like the Wind	188
KS3 The Maze Runner	599
GCSE A Christmas Carol	411
GCSE Animal Farm	316
GCSE An Inspector Calls	278
GCSE Dr. Jekyll and Mr Hyde	324
GCSE Hound of the Baskervilles	313
GCSE Lord of Flies (Deck designer required)	
GCSE Macbeth	461

Done

GCSE Art & Design Revision Information and Tips

Exam Board	Pearson Edexcel GCSE Art and Design	
Revision guide	N/A	
Assessment breakdown	60% coursework, 40% Exam	
Useful Websites	https://www.bbc.co.uk/bitesize/subjects/z6hs34j	
Topics & Key Concepts	Oct-Dec 2023	In class you will be working independently on developing your final outcome for 'Natural forms' . This will complete this unit of work.
	Jan 2024	<p>In January you will start a new Unit of coursework based on the theme 'Present'. This will be self-directed. You need to spend the time at home considering how you might develop a piece of work around this theme.</p> <p>Your first task over the Christmas Holiday will be to resource this theme by finding images, taking photographs, finding objects to draw which will resource your first drawings.</p> <p>Be thinking about this now! – what does 'Present' mean to you? Be passionate about your idea, make it mean something to you.</p>
Top tips	<p>Always give 100% in lessons, listen to your Art teacher to help guide you in your coursework. Dedicate time outside of school hours to your Art work, especially about the direction you want to take your work. You should be arriving to class with your ideas rather than waiting to be told what to do or what materials to use.</p> <p>Remember – Be Passionate – Be interested – Be an Artist.</p>	
Support in school	Speak to your teacher for intervention options	

GCSE Computer Science Information and Tips

Exam Board	OCR Computer Science
Revision guide	Available from your computer science teacher
Assessment breakdown	Exam 100%
Useful Websites	BBC Bitesize: www.bbc.co.uk/bitesize/examspecs/zmtchbk Computer Science GCSE GURU www.computerscience.gcse.guru/
Topics & Key Concepts	Paper 1: Computer systems <ul style="list-style-type: none">• Systems Architecture• Memory• Storage• Wired and wireless networks• Network topologies, protocols and layers• System security• System software• Ethical, legal, cultural and environmental concerns
	Paper 2: Computational thinking, algorithms and programming <ul style="list-style-type: none">• Algorithms• Programming techniques• Producing robust programs• Computational logic• Translators and facilities of languages• Data representation
Top tips	<ul style="list-style-type: none">- Practice past exam papers and get them marked by your computer science teacher.- Use the revision guide.- YOU MUST BE COMPLETING EXAM QUESTIONS.- Listen to your computer science teacher and work hard in lessons, this will guide you through the exam.

GCSE Health and Social Care Revision Information and Tips

Exam Date	1 st February 2023 (resit in May) This is a two hour exam	
Exam Board	Pearson	
Revision guide	Revision Guide Provided by Hartshill Academy	
Assessment breakdown	60% coursework (completed) and 40% exam	
Useful Websites	https://www.bbc.co.uk/bitesize/guides/zxj87hv/revision/1 https://www.tutor2u.net/hsc/store/component-3-health-and-wellbeing-knowledge-book-btec-tech-awards-in-health-social-care https://www.amazon.co.uk/Revise-Health-Social-Practice-Assessments/dp/1292306998	
Topics & Key Concepts	A -Factors that affect health and wellbeing B- Interpreting health indicators	A1- Factors affecting health and wellbeing B1 Physiological indicators B2 Lifestyle indicators
	C Person-centred health and wellbeing improvement plans	C1 Health and wellbeing improvement plans C2 Obstacles to implementing plans
Top tips	Remember your exam techniques for the six questions. Revise knowledge for question 3. Know what is meant by environmental, physical, intellectual, emotional, social, culture, geographical and economic.	
Support in school	On request or by invite	

GCSE PE Information and Tips

Exam Board	Pearson Edexcel GCSE 9-1 Physical Education.
Revision Guide	<p>Revision Guide Provided by Hartshill Academy</p> <p>Links for practice papers: REVISION Edexcel GCSE (9-1) Physical Education Practice Papers Plus (pearsonschoolsandcolleges.co.uk) REVISION Pearson Edexcel GCSE (9-1) Physical Education Model Answer Workbook (pearsonschoolsandcolleges.co.uk)</p>
Assessment breakdown	<p>Component 1 – Fitness and Body Systems examination worth 36% Component 2 – Health and Performance examination worth 24% Component 3 – Practical Assessment (2 sports of choice) worth 30% Component 4 – Personal Exercise Programme worth 10%</p>
Useful Websites	<p>GCSE POD: https://www.gcsepod.com/</p> <p>BBC Bitesize: https://www.bbc.co.uk/bitesize/subjects/znyb4wx</p> <p>PE resource bank: https://www.peresourcesbank.co.uk/gcse-pe-9-1-5-a-day-practice-questions-2019-series-edexcel-aqa-ocr/</p> <p>Useful to follow on twitter: @PEclassroom @GCSEsimplified @_SmartPE @PEResourcesBank</p> <p>Plus – look on YouTube for “planet PE” videos</p>
Topics & Key Concepts	<p>Component 1:</p> <ul style="list-style-type: none"> • Structure and function of Musculo-Skeletal system • Structure and function of Cardio-Respiratory system • Aerobic and anaerobic exercise • The short and long term effects of exercise • Levers Planes and Movement • Components of Fitness & Fitness Testing • Methods of Training • Principles of Training • How to optimize training and prevent injury • Effective use of warm up and cool down <p>Component 2:</p> <ul style="list-style-type: none"> • Physical, emotional and Social health and well-being • Consequences of a sedentary lifestyle • Diet and nutrition • Classification of skill • Types of practice structures • SMART targets • Guidance and Feedback • Mental preparation • Engagement patterns of different social groups • Commercialisation of physical activity and sport • Ethical and socio-cultural issues in sport.

Top tips	Practice past exam questions using revision papers – link above, and revisit them once they are marked and returned Use your revision guide Consistent effort classwork, listen to all knowledge shared by teacher Know the 2 sports of assessment and speak with teachers if you can record outside of school
Support in school	In any lesson, ASK! Any point, lunch, after school – just ask.

Flash cards for revision

Using flashcards is a repetition strategy, they help you memorise facts quickly

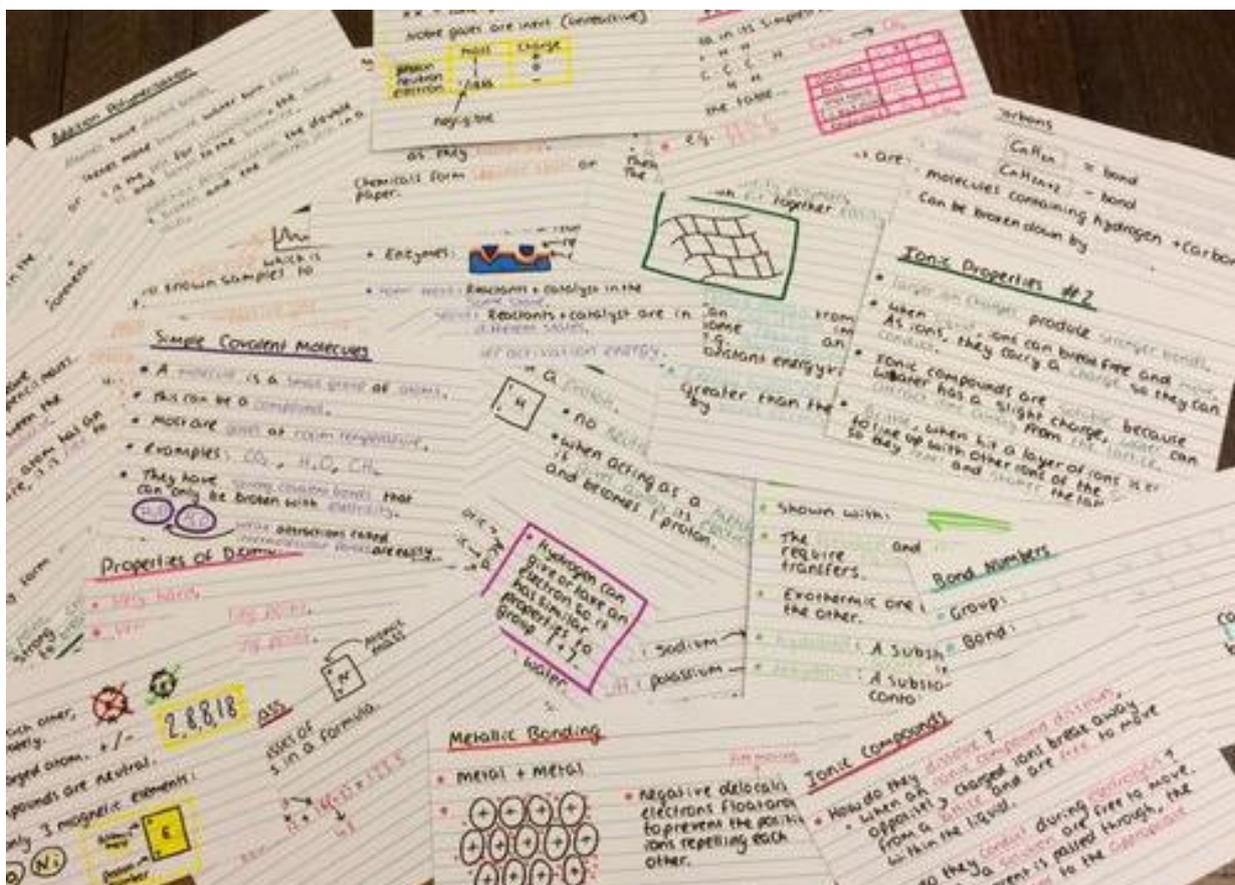
They are a simple 'cue' on the front and an 'answer' on the back.

Flashcards engage "active recall"

Flash cards should be used to test your knowledge not just as a way to condense your notes further

How to make flash cards

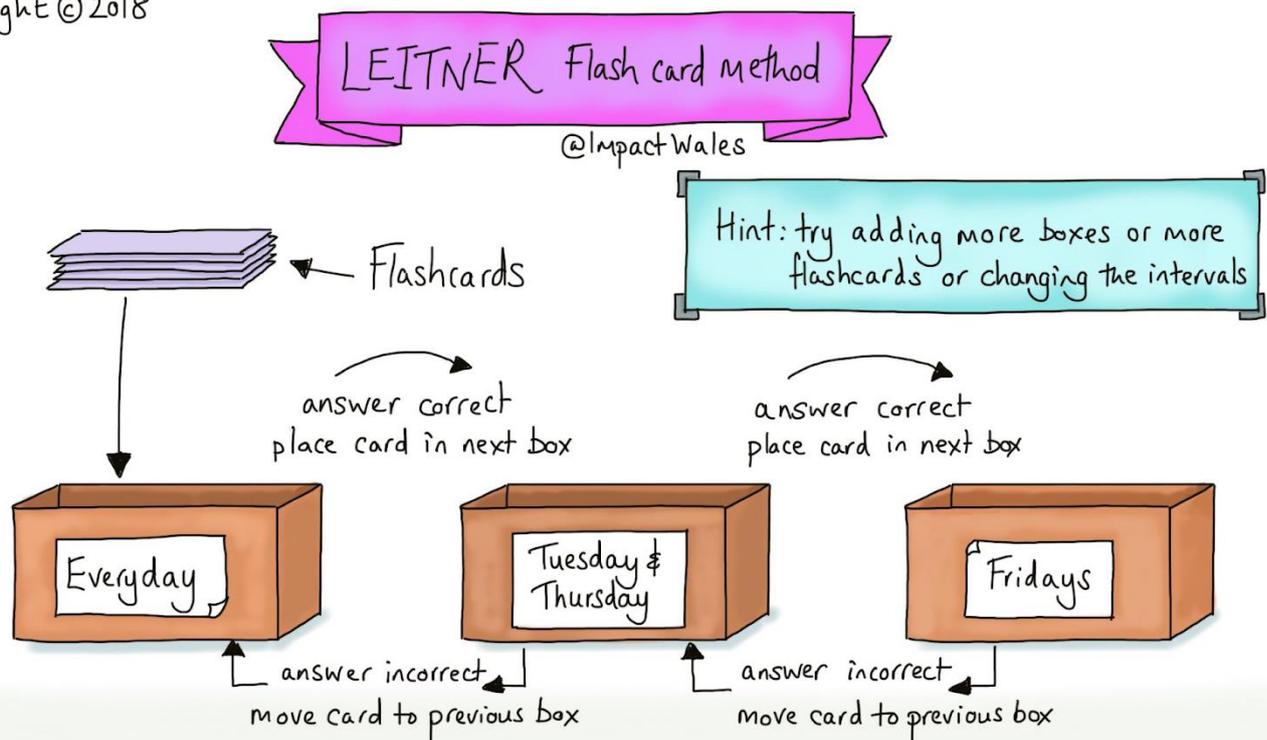
1. Ensure that the flashcards have a question or key term on one side and the answer or definition on the other. - The flashcard must work the memory. - If flashcards only contain notes then no retrieval practice will be happening.
2. Ensure the right questions and knowledge are on the cards.
3. Keep information as short as possible.
4. Write clearly. You should be able to read what you wrote at a very quick glance.
5. Use different coloured cards or pens to categorise your flashcards. For example, use a different colour for each subject or topic. This can help your brain to categorise information better.
6. Make your flashcards as soon as you've learnt the topic in class (do this every night in year 11)



How to use flash cards

1. Studies have found that it's more effective to review a whole stack of cards in one sitting rather than to carry them around with you and glance at them every so often.
2. Use spaced repetition - Review your cards at specific, increasing intervals: for example on Day 1, Day 2, Day 4, Day 8 and so on.
3. Make sure you have a 'thinking pause' after picking one up and reading the question, then turn the card over to read the information
4. Once you get an answer right using your flashcards – DO NOT DISCARD IT! You need to keep repeating the questions even if you get it right multiple times otherwise it will fall off your memory.
5. Try writing the answer or definition in your own words and giving examples. This will help your learning and recall.
6. Try 'interleaving'. Once you have several decks of flashcards for different subjects and topics, try mixing them up. This will test your knowledge across subjects in a single session. Make sure you are confident enough to do this every so often.

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An effective use of flashcards to prompt & recall learning using spaced practice proposed by Leitner in the 1970s. It focuses on the proficiency of recall of the learner. Information which is easily recalled has a longer time lapse before the next recall opportunity.



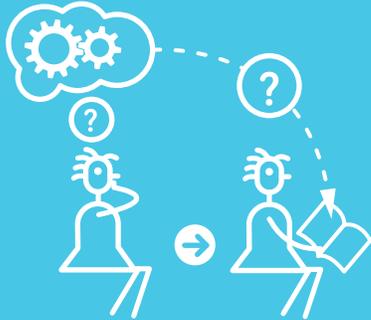
Six Strategies for Effective Learning

LEARNINGSIENTISTS.ORG

All of these strategies have supporting evidence from cognitive psychology. For each strategy, we explain how to do it, some points to consider, and where to find more information.



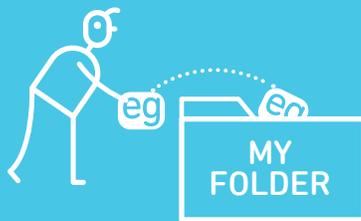
Explain and describe ideas with many details



Practice bringing information to mind



Use specific examples to understand abstract ideas

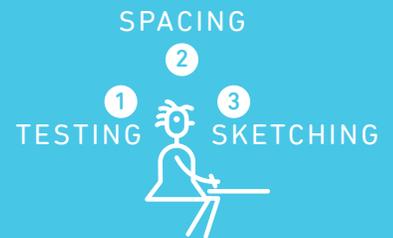


CONCRETE EXAMPLES

ELABORATION

RETRIEVAL PRACTICE

Space out your studying over time



SPACED PRACTICE

INTERLEAVING

DUAL CODING



Switch between ideas while you study

Combine words and visuals



Weekly Minimum Expected Revision

Week 1 18th Sept

Subject	Topic	Work to complete
English	Language Paper 2 Question 1 and 2	York Notes for GCSE English Language and Literature Revision and Exam Practice Read and complete tasks pages 53-59
English Literature	Poetry anthology comparing poems	York Notes for GCSE English Language and Literature Revision and Exam Practice Read and complete tasks pages 120-123
French	Theme 2	Describing a region part 1: https://classroom.thenational.academy/lessons/describing-a-region-part-15-65h64d
Maths (Foundation)	Multiplying Decimals Dividing Decimals	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U868, U293
Maths (Higher)	Sharing using Ratio	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U577, U753, Yu95
Combined Science (Foundation)	Atomic structure	Produce revision notes/flash cards Pages 41-43 and 46 in the knowledge organiser
Combined Science (Higher)	Atomic structure	Produce revision notes/flash cards Pages 42-43 and 45 in the knowledge organiser
Triple Science	Atomic structure	Produce revision notes/flash cards Pages 6-7 and 9 in the Chemistry knowledge organiser
Geography	Paper 1 Section A – Global Atmospheric Circulation	Page 1 Make notes and create 10 self-quiz questions e.g. what causes the redistribution of heat energy? Summarise worked example – bullet point the key parts of the answer
	Paper 1 Section A – Climate Change – causes and evidence	Page 2 Create a spider diagram outlining the 3 natural and 3 human causes of climate change – draw pictures to represent each cause. Page 3 Create a table – summarise the evidence of human causes and evidence of natural causes Summarise worked example and twist the question “Suggest two ways the consequences of climate change affect the environment.
History	Paper 1: Medieval Medicine c.1250 – 1500	Pearson revision guide page 1 – 5
GCSE PE	Guidance - Types of guidance to optimise performance: visual, verbal, manual and mechanical, classification of skills	<u>Q</u> - Explain a type of guidance that can be provided to help to optimise a sports person's performance. <u>Sports Psychology</u> BBC Bitesize– Guidance in Sport You tube – Planet PE – Guidance in Sport Seneca Learning – Types of guidance in Sport
OCR PE	Focus on assignment 2 - LO2 Sport and the Media	– Understand the positive relationship between the media and sport

Weekly Minimum Expected Revision

Week 2 25th Sept

Subject	Topic	Work to complete
English	Language Paper 2 Question 3	York Notes for GCSE English Language and Literature Revision and Exam Practice Read and complete tasks pages 60-62
English Literature	An Inspector Calls	Class, capitalism and socialism: https://continuityoak.org.uk/Lessons?r=141
Maths (Foundation)	Four Rules of Negatives	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U742, U584
French	Theme 2	Describing a region part 2: https://classroom.thenational.academy/lessons/describing-a-region-part-25-cdhkce
Maths (Higher)	Increase/Decrease by a Percentage Percentage Change Reverse Percentage Problems	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U554,U349, U773, U671, U286
Combined Science (Foundation)	Bonding	Produce revision notes/flash cards Pages 51-54 in the knowledge organiser
Combined Science (Higher)	Bonding	Produce revision notes/flash cards Pages 50-53 in the knowledge organiser
Triple Science	Bonding	Produce revision notes/flash cards Pages 14-17 in the Chemistry knowledge organiser
Geography	Paper 1 Section B – Development inequalities	Page 17 – Create a table with pictures outlining the different ways development can be measured Page 19 – Recreate the spider diagram showing the causes of global inequalities – explain these and add pictures. What are consequences of these development inequalities?
History	Paper 1: Renaissance Medicine c.1500 - 1700	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 6 - 11
GCSE PE	<u>Guidance</u> - Advantages and disadvantages of each type of guidance and its appropriateness in a variety of sporting contexts when used with performers of different skill levels	<u>Q</u> – State, using examples, one advantage and one disadvantage of Visual guidance when teaching a trampolinist to somersault. (4 marks) <u>Sports Psychology</u> BBC Bitesize– Guidance in Sport You tube – Planet PE – Guidance in Sport Seneca Learning – Types of guidance in Sport -
OCR PE	Continue to focus on Focus on assignment 2 - LO2 Sport and the Media	– Understand the positive relationship between the media and sport Need to know a range of relevant sporting examples

Weekly Minimum Expected Revision

Week 3 2nd Oct

Subject	Topic	Work to complete
English	Language Paper 2 Question 4	York Notes for GCSE English Language and Literature Revision and Exam Practice Read and complete tasks page 62-64.
English Literature	Power and Conflict Poetry	Ozymandias: https://continuityoak.org.uk/Lessons?r=833
French	Theme 2	Describing a region part 3: https://classroom.thenational.academy/lessons/describing-a-region-part-35-cmv3gr
Maths (Foundation)	Adding and Subtracting Fractions - A Standard Method Finding a Fraction of an Amount	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U736, U692, U793, U439
Maths (Higher)	Simple/Compound Interest Significant figures	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U533, U332, U731, U965, U225, U657, U587
Combined Science (Foundation)	Acids and alkalis	Produce revision notes/flash cards Page 57 in the knowledge organiser
Combined Science (Higher)	Acids and alkalis	Produce revision notes/flash cards Page in the knowledge organiser
Triple Science	Acids and alkalis	Produce revision notes/flash cards Pages 24-25 in the Chemistry knowledge organiser
Geography	Paper 1 Section A – Climate Change – Projections and Consequences	Page 4 Plan your answer to – “Why is there uncertainty for climate change projections”. Create a spider diagram for the consequences of climate change – include pictures Answer the exam-style question
	Paper 1 Section A – Distribution and formation of tropical cyclones	Page 5 – Make notes on the distribution and conditions needed for tropical cyclones to form – link conditions to why cyclones dissipate (lose energy) Page 6 – Draw and annotate a diagram showing the formation of tropical cyclone – add key features, sequence and hazards.
History	Paper 1: 18th and 19th Century Medicine c.1700 – 1900	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 12 - 17
GCSE PE	Feedback - Types of feedback to optimise performance: intrinsic, extrinsic.	Q- Evaluate the use of visual and verbal guidance to improve sports performance with a group of beginners in Badminton. Sports Psychology BBC Bitesize – Performance of feedback You tube – Planet PE – Types of feedback Seneca Learning – Types of feedback
OCR PE	Continue to focus on Focus on assignment 2 - LO2 Sport and the Media	– Understand the positive relationship between the media and sport Need to know a range of relevant sporting examples

Weekly Minimum Expected Revision

Week 4 9th Oct

Subject	Topic	Work to complete
English	Language Paper 2 Question 3	York Notes for GCSE English Language and Literature Revision and Exam Practice Read and complete tasks page 60-61.
English Literature	An Inspector Calls	Character introductions: https://continuityoak.org.uk/Lessons?r=146
French	Theme 2	Describing a region part 4: https://classroom.thenational.academy/lessons/describing-a-region-part-45-65hkac
Maths (Foundation)	Multiplying Fractions Dividing Fractions	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U475, U224, U544, U538
Maths (Higher)	Surface Area of a Prism - Surface Area of a Prism - Triangular Prisms Volume of a Cuboid	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U786, U174, U484, U915, U116, U617
Combined Science (Foundation)	Reactivity and displacement	Produce revision notes/flash cards Page 58 in the knowledge organiser
Combined Science (Higher)	Reactivity and displacement	Produce revision notes/flash cards Page 57 in the knowledge organiser
Triple Science	Reactivity and displacement	Produce revision notes/flash cards Page 26 in the Chemistry knowledge organiser
Geography	Paper 1 Section B – Theories and Approaches to Development	Page 20 – make notes on the two development theories (Rostow and Frank) – make sure you include criticisms. Page 21 – what are the main differences between top-down and bottom-up approaches? What is globalisation and will it reduce inequalities? Using the worked example – list reasons why TNCs invest in developing countries. Page 22 – What are the advantages and disadvantages of top-down (TNC investment) and bottom-up (NGO investment)? COMPLETE EDUCAKE ASSIGNMENT
		COMPLETE EDUCAKE ASSIGNMENT Make notes using the following link– The Earth's structure and plate tectonics - Tectonic activity and plate boundaries - Edexcel - GCSE Geography Revision - Edexcel - BBC Bitesize Pages 1, 2, 3
History	Paper 1: Modern Medicine c.1900 - Present	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 18 - 23
GCSE PE	Feedback - Types of feedback to optimise performance: intrinsic, extrinsic and concurrent, terminal.	Q- Mechanical and manual guidance can be used when practicing techniques in sport. Assess the advantages and disadvantages of using mechanical and manual guidance when teaching a beginner to swim. BBC Bitesize – Performance of feedback You tube – Planet PE – Types of feedback Seneca Learning – Types of feedback
OCR PE	Focus on assignment 3 - L02 Sport and the Media	Understand the negative effects of the media in sport Need to know a range of sporting examples



LEARN TO STUDY USING...

Spaced Practice

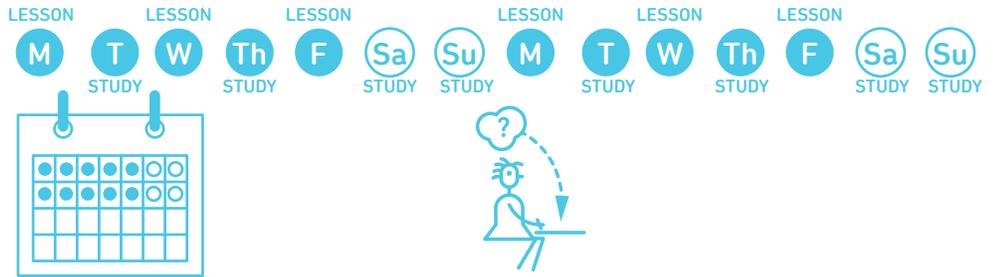
SPACE OUT YOUR STUDYING OVER TIME

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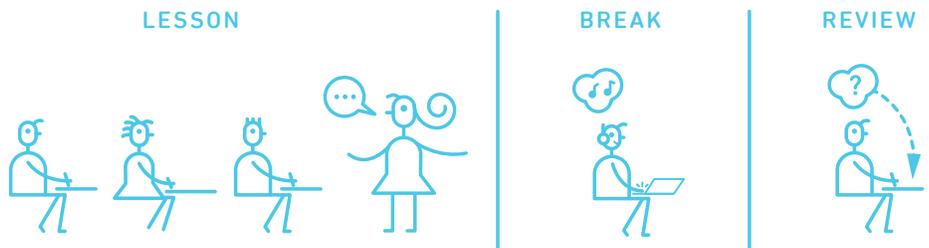


HOW TO DO IT

Start planning early for exams, and set aside a little bit of time every day. Five hours spread out over two weeks is better than the same five hours all at once.



Review information from each class, but not immediately after class.



After you review information from the most recent class, make sure to go back and study important older information to keep it fresh.



HOLD ON!

- 1 TESTING
- 2 SPACING
- 3 SKETCHING



When you sit down to study, make sure you are using effective study strategies rather than just re-reading your class notes.



This may seem difficult and you may forget some information from day to day, but this is actually a good thing! This forces you to retrieve information from memory (see Retrieval Practice poster).



Create small spaces (a few days) and do a little bit over time, so that it adds up!

RESEARCH

[Read more about spaced practice as a study strategy](#)

Benjamin, A. S., & Tullis, J. (2010). What makes distributed practice effective? *Cognitive Psychology*, 61, 228-247.

Weekly Minimum Expected Revision

Week 5 16th Oct

Subject	Topic	Work to complete
English	Language Paper 2 Question 5	York Notes for GCSE English Language and Literature Revision and Exam Practice Read and complete tasks page 65-69.
English Literature	An Inspector Calls	Introduction of the Inspector: https://continuityoak.org.uk/Lessons?r=874
French	Theme 2	Describing a region part 5: https://classroom.thenational.academy/lessons/describing-a-region-part-55-c8rkgc
Maths (Foundation)	BODMAS/BIDMAS	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U976
Maths (Higher)	Circle Definitions Area of a Circle Circumference of a Circle	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U767, U604, U950, U221, U373
Combined Science (Foundation)	Extraction and electrolysis	Produce revision notes/flash cards Pages 59 and 112 in the knowledge organiser
Combined Science (Higher)	Extraction and electrolysis	Produce revision notes/flash cards Pages 61 and 112 in the knowledge organiser
Triple Science	Extraction and electrolysis	Produce revision notes/flash cards Pages 28 and 56 in the Chemistry knowledge organiser
Geography	Paper 1 Section A – Vulnerability and management of tropical cyclones	Page 7 – Create a table listing examples of physical, social and economic factors affecting vulnerability to tropical cyclones Page 8 – Make notes on ways the hazard risk of tropical cyclones can be reduced and describe how the Saffir-Simpson Scale determines the category of tropical cyclone. Answer the exam-style questions COMPLETE EDUCAKE ASSIGNMENT
		COMPLETE EDUCAKE ASSIGNMENT Make notes using the following links – Causes of earthquakes - Earthquakes and tsunamis - Edexcel - GCSE Geography Revision - Edexcel - BBC Bitesize Pages 1, 2, 3, 5, 6, 7
History	Paper 1: The British sector of the Western Front, 1914 - 1918	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 24 - 28
GCSE PE	Short Term Goal	Q- Give one example of each of the different types of goals that a performer/coach may set. Short Term Goal Sports Psychology BBC Bitesize – Mental preparation for performance You tube – Planet PE – Mental preparation for performance Seneca Learning - Mental preparation for performance
OCR PE	Continue to focus on: Focus on assignment 3 - L03 Sport and the Media	Understand the negative effects of the media in sport Need to know a range of sporting examples

Weekly Minimum Expected Revision

Week 6 23rd Oct

Subject	Topic	Work to complete
English	Language Paper 2 Question 1 and 2	York Notes for GCSE English Language and Literature Revision and Exam Practice Read and complete tasks pages 53-59
English Literature	Power and Conflict Poetry	London: https://continuityoak.org.uk/Lessons?r=350
French	Theme 2	Describing a town part 1: https://classroom.thenational.academy/lessons/describing-a-town-part-13-64vk8d
Maths (Foundation)	Product of Primes Highest Common Factor (HCF) Lowest Common Multiple (LCM)	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U236, U739, U250
Maths (Higher)	Angles and Parallel Lines Angles in a Triangle	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U390, U730, U628, U732, U655, U826
Combined Science (Foundation)	Salts	Produce revision notes/flash cards Pages 57 and 112 in the knowledge organiser
Combined Science (Higher)	Salts	Produce revision notes/flash cards Pages 57 and 112 in the knowledge organiser
Triple Science	Salts	Produce revision notes/flash cards Pages 24 and 55 in the Chemistry knowledge organiser
Geography	Paper 1 Section C – Urbanisation	Page 27 – Define urbanisation and counter-urbanisation? Outline the main reasons for the changes. Define urban primacy and megacities Worked example – Explain another reason why urban primacy can become a problem. Page 28 – Create a spider diagram outlining the different types of migration. List reasons why cities experience population growth and population decline. COMPLETE EDUCAKE ASSIGNMENT
		COMPLETE EDUCAKE ASSIGNMENT Make notes using the following link – Volcano locations - Volcanoes and volcanic eruptions - Edexcel - GCSE Geography Revision - Edexcel - BBC Bitesize Pages 1, 2, 4, 5
History	Paper 1: Q2(b)	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 41
OCR PE	Continue to focus on: Focus on assignment 3 - LO3 Sport and the Media	Understand the negative effects of the media in sport Need to know a range of sporting examples

Weekly Minimum Expected Revision

Week 7 30th Oct

Subject	Topic	Work to complete
English	Language Paper 2 Question 4	York Notes for GCSE English Language and Literature Revision and Exam Practice Read and complete tasks page 62-64.
English Literature	Power and Conflict Poetry	My Last Duchess: https://continuityoak.org.uk/Lessons?r=363
French	Theme 2	Describing a town part 2: https://classroom.thenational.academy/lessons/describing-a-town-part-23-74t3jr
Maths (Foundation)	Squares, Cubes and Roots Working with Indices	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U851, U299, U985, U772
Maths (Higher)	Properties of Special Triangles Angle Sum of Polygons Bearings	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U427, U107
Combined Science (Foundation)	Digestive system	Produce revision notes/flash cards Page 11 in the knowledge organiser
Combined Science (Higher)	Digestive system	Produce revision notes/flash cards Page 10 in the knowledge organiser
Triple Science	Digestive system	Produce revision notes/flash cards Pages 11 in the Biology knowledge organiser
Geography	Paper 1 Section A – Tectonic Hazards	Page 10 – make notes on the different layers of the Earth and how convection drives tectonic movement Page 11 – Annotate a diagram per plate boundary explaining how the plates move here and how this leads to earthquakes and/or volcanoes. Give an example of the two plates which occur at each of the plate boundaries e.g. Divergent = South American and African plates COMPLETE EDUCAKE ASSIGNMENT
		COMPLETE EDUCAKE ASSIGNMENT Make notes using the following link – Classifying parts of the world - Contrasts in development between countries - Edexcel - GCSE Geography Revision - Edexcel - BBC Bitesize Pages 1, 2, 3, 4
History	Paper 3: The Weimar Republic, 1918 - 1929	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 1 - 9
GCSE PE	Mental preparation for performance: warm up, mental rehearsal. Economic and political links: the European Union (EU) and Commonwealth	Q- Give one example of each of the different types of goals that a performer/coach may set. Performance Goal Sports Psychology BBC Bitesize – Mental preparation for performance You tube – Planet PE – Mental preparation for performance Seneca Learning - Mental preparation for performance
OCR PE	Continue to focus on: Focus on assignment 3 - L03 Sport and the Media	Understand the negative effects of the media in sport Need to know a range of sporting examples

Weekly Minimum Expected Revision

Week 8 6th Nov

Subject	Topic	Work to complete
English	Language Paper 2 Question 3	York Notes for GCSE English Language and Literature Revision and Exam Practice Read and complete tasks page 60-61.
English Literature	Power and Conflict Poetry	Charge of the Light Brigade: https://continuityoak.org.uk/Lessons?r=355
French	Theme 2	Describing a town part 3: https://classroom.thenational.academy/lessons/describing-a-town-part-33-6mukOt
Maths (Foundation)	Standard Form	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U330, U534, U264, U290, U161
Maths (Higher)	Experimental Probabilities Possibility Spaces Venn Diagrams - Introduction	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U683, U166, U104, U476, U748
Combined Science (Foundation)	Disease	Produce revision notes/flash cards Pages 14-16 and 19-21 in the knowledge organiser
Combined Science (Higher)	Disease	Produce revision notes/flash cards Pages 13-15 and 18-20 in the knowledge organiser
Triple Science	Disease	Produce revision notes/flash cards Pages 14-16, 19-23 and 55 in the Biology knowledge organiser
Geography	Paper 1 Section C – Emerging City - Mumbai	Pages 31-33 – Create a set of revision materials for Mumbai – remember be specific – use facts. Site and situation, population growth, city structure, opportunities and challenges and top-down/bottom up. Please use your exercise books too! COMPLETE EDUCAKE ASSIGNMENT
History	Paper 3: Hitler's rise to power, 1919 - 1933	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 14 - 20
GCSE PE	Target Setting	Q – Billy is a 200m runner and is using SMART targets to set himself a goal for a new season. Explain why Billy would use Measurable targets in training. Sports Psychology BBC Bitesize – Target Setting (using SMART Targets) You tube – Planet PE – Target Setting (SMART Targets) Seneca Learning – Target Setting (SMART Targets)
OCR PE	Focus on both L02 and L03 assignment to amend if required	Understand the positive relationship between the media and sport Understand the negative effects of the media in sport

Weekly Minimum Expected Revision

Week 9 13th Nov

Subject	Topic	Work to complete
English	Language Paper 2 Question 5	York Notes for GCSE English Language and Literature Revision and Exam Practice Read and complete tasks page 70 – 75.
English Literature	An Inspector Calls	Sheila reflects and changes: https://continuityoak.org.uk/Lessons?r=180
French	Theme 2	Discussing what to see and do part 1: https://classroom.thenational.academy/lessons/discussing-what-to-see-and-do-part-12-c9j6cr
Maths (Foundation)	Fractions, Percentages, Decimals Percentage of an Amount	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U888, U881, U916, U554, U349
Maths (Higher)	Representing Data - Pie Charts Representing Data - Stem and Leaf Diagrams	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U363, U557, U508, U172, U200, U909
Combined Science (Foundation)	Diffusion and transpiration	Produce revision notes/flash cards Pages 9 and 18 in the knowledge organiser
Combined Science (Higher)	Diffusion and transpiration	Produce revision notes/flash cards Pages 8 and 17 in the knowledge organiser
Triple Science	Diffusion and transpiration	Produce revision notes/flash cards Pages 9 and 18 in the Biology knowledge organiser
Geography	Paper 2 Section A – Physical Landscapes	Page 34 – What is the difference between upland and lowland landscapes – include geology and glaciation. Make notes on the 3 different types of rocks. Page 35 – Add an example of an upland and lowland landscape to your notes. Page 36 – Create a spider diagram describing the 3 ways humans can affect the natural landscapes. COMPLETE EDUCAKE ASSIGNMENT
		COMPLETE EDUCAKE ASSIGNMENT Make notes using the following link - A brief introduction to India - Case study - development in an emerging country - India - Edexcel - GCSE Geography Revision - Edexcel - BBC Bitesize Pages 1, 2, 3, 4, 5
History	Paper 3: Life in Nazi German, 1933 - 1939	COMPLETE EDUCAKE ASSIGNMENT Pearson revision Guide page 21 - 28
GCSE PE	Commercialisation, Engagement Patterns, Socio-cultural issues	Answer the following 9 Mark Question: ‘What are the advantages and disadvantages of sponsorship to an athlete?’ Social – cultural Influences BBC Bitesize – Commercialisation of Sport You Tube – Planet PE – Commercialisation of Sport Seneca Learning – Commercialisation of Sport
OCR PE	Focus on both L02 and L03 assignment to amend if required	Understand the positive relationship between the media and sport Understand the negative effects of the media in sport



LEARN TO STUDY USING... Retrieval Practice

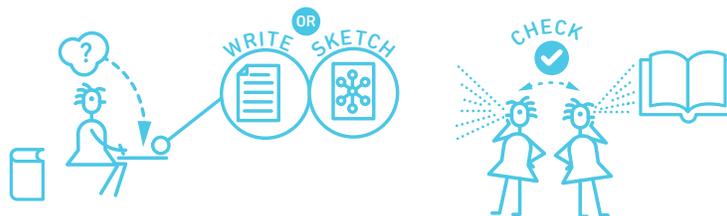
PRACTICE BRINGING INFORMATION TO MIND

LEARNINGSCIENTISTS.ORG



HOW TO DO IT

Put away your class materials, and write or sketch everything you know. Be as thorough as possible. Then, check your class materials for accuracy and important points you missed.



Take as many practice tests as you can get your hands on. If you don't have ready-made tests, try making your own and trading with a friend who has done the same.



You can also make flashcards. Just make sure you practice recalling the information on them, and go beyond definitions by thinking of links between ideas.



HOLD ON!



Retrieval practice works best when you go back to check your class materials for accuracy afterward.



Retrieval is hard! If you're struggling, identify the things you've missed from your class materials, and work your way up to recalling it on your own with the class materials closed.



Don't only recall words and definitions. Make sure to recall main ideas, how things are related or different from one another, and new examples.

RESEARCH

[Read more about retrieval practice as a study strategy](#)

Roediger, H. L., Putnam, A. L., & Smith, M. A. (2011). Ten benefits of testing and their applications to educational practice. In J. Mestre & B. Ross (Eds.), *Psychology of learning and motivation: Cognition in education*, (pp. 1-36). Oxford: Elsevier.

Weekly Minimum Expected Revision

Week 10 20th Nov

Subject	Topic	Work to complete
English	Language Paper 2 Question 5	York Notes for GCSE English Language and Literature Revision and Exam Practice Read and complete tasks page 76-78. York Notes for GCSE English Language and Literature Workbook Read and complete page 57 – 59.
English Literature	An Inspector Calls	Mrs Birling and her children: https://continuityoak.org.uk/Lessons?r=878
French	Theme 2	Discussing what do see and do part 2: https://classroom.thenational.academy/lessons/discussing-what-to-see-and-do-part-22-cn34d
Maths (Foundation)	Change to a Percentage (Calc.) Change to a Percentage (Non-Calc.)	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U773, U671, U286, U278
Maths (Higher)	Scatter Diagrams Averages from a table - Basics Averages from a table - Estimate for the Mean	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U199, U277, U128, U569
Combined Science (Foundation)	Respiration and photosynthesis	Produce revision notes/flash cards Pages 22-23 in the knowledge organiser
Combined Science (Higher)	Respiration and photosynthesis	Produce revision notes/flash cards Pages 21-22 in the knowledge organiser
Triple Science	Respiration and photosynthesis	Produce revision notes/flash cards Pages 24-25 and 57 in the Biology knowledge organiser
Geography	Paper 2 Section A – Physical Landscapes – Rivers	Page 45 – Make notes on how a river changes downstream from the upper course to the lower course – consider both the long profile (gradient) and cross profile (width/depth). Page 46 – Add facts to the upper/middle/lower course using the located example River Severn Page 47 – Summarise the different types of erosion, transportation and deposition COMPLETE EDUCAKE ASSIGNMENT
History	Paper 3: Inference practice	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 38
GCSE PE	7/11 Factors which effect participation.	Create a table which contains the factors which effect participation. Social – cultural Influences BBC Bitesize – Factors which effect participation. You Tube – Planet PE – Factors which effect participation. Seneca Learning – Factors which effect participation.
OCR PE	Focus on both L02 and L03 assignment to amend if required	Understand the positive relationship between the media and sport Understand the negative effects of the media in sport

Weekly Minimum Expected Revision

Week 11 27th Nov

Subject	Topic	Work to complete
English	Language Paper 2 Section A Q1, 2, 3 and 4 Practice Paper	York Notes for GCSE English Language and Literature Workbook Read and complete page 64 – 67.
English Literature	An Inspector Calls	The Inspector's final speech: https://continuityoak.org.uk/Lessons?r=883
French	Theme 2	Understanding directions: https://classroom.thenational.academy/lessons/understanding-directions-ctgket
Maths (Foundation)	Rounding to Significant Figures Estimating Answers	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U731, U225, U657
Maths (Higher)	Index Notation	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U235, U694, U985, U772
Combined Science (Foundation)	Particle motion and internal energy	Produce revision notes/flash cards Pages 88-89 in the knowledge organiser
Combined Science (Higher)	Particle motion and internal energy	Produce revision notes/flash cards Pages 88-89 in the knowledge organiser
Triple Science	Particle motion and internal energy	Produce revision notes/flash cards Pages 20 and 22 in the Physics knowledge organiser
Geography	Paper 2 Section B – Human Landscapes	Page 54 – What are the key differences between urban and rural area? Page 55 – How can the regional differences between the north and south of England be reduce through investment in transport and strategies such as Enterprise Zones – make notes. Complete the exam style question. COMPLETE EDUCAKE ASSIGNMENT
		COMPLETE EDUCAKE ASSIGNMENT Make notes using the following link - A brief introduction to India - Case study - development in an emerging country - India - Edexcel - GCSE Geography Revision - Edexcel - BBC Bitesize Pages – 6, 7, 8, 9
History	Paper 3: Q3(a) 'How useful...' practice	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 42 (using sources on page 50)
GCSE PE	Musclo-Skeletal System	Can you label all of the major muscles and bones of the skeleton? Applied Anatomy and Physiology BBC Bitesize – Musclo-Skeletal System You Tube – Planet PE – Musclo-Skeletal System Seneca Learning – Musclo-Skeletal System
OCR PE	Focus on both L02 and L03 assignment to amend if required	Understand the positive relationship between the media and sport Understand the negative effects of the media in sport

Weekly Minimum Expected Revision

Week 12 11th Dec

Subject	Topic	Work to complete
English	Language Paper 2 Section B Question 5 Practice Paper	York Notes for GCSE English Language and Literature Workbook Read and complete page 67.
English Literature	Power and Conflict Poetry	Exposure: https://continuityoak.org.uk/Lessons?r=354
French	Theme 2	Problems facing the world: https://classroom.thenational.academy/lessons/problems-facing-the-world-part-12-70wkae
Maths (Foundation)	Expanding Brackets Simple Factorisation	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U179, U768, U365
Maths (Higher)	Expanding Brackets Solving Equations	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U179, U768, U606, U755, U325, U870, U505
Combined Science (Foundation)	Electricity and resistance	Produce revision notes/flash cards Pages 82-85 in the knowledge organiser
Combined Science (Higher)	Electricity and resistance	Produce revision notes/flash cards Pages 82-85 in the knowledge organiser
Triple Science	Electricity and resistance	Produce revision notes/flash cards Pages 12-17 in the Physics knowledge organiser
Geography	Paper 2 Section A – Physical Landscapes Rivers	Page 48 & 49 – Explain how the followed have formed – waterfalls, meanders, ox-bow lakes, levees and deltas. Summarise the worked example on page 48 and complete the exam style question on page 49 COMPLETE EDUCAKE ASSIGNMENT
History	Paper 3: Q3(c) Interpretations practice	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 45 (using interpretations on page 51)
GCSE PE	Functions of the Skeleton	Create a table – complete what the functions of the skeleton are and apply these to a sporting example. Applied Anatomy and Physiology BBC Bitesize – Functions of the Skeleton You Tube – Planet PE – Functions of the Skeleton Seneca Learning – Functions of the Skeleton
OCR PE	Exam unit Contemporary issues in sport Learning outcome 1	Understand the issues which affect participation in sport

Weekly Minimum Expected Revision

Week 13 18th Dec

Subject	Topic	Work to complete
English	Language Paper 2 – question 2	Watch walk through and complete practice question https://cutt.ly/AICwalk https://cutt.ly/AICQ2
English Literature	An Inspector Calls	Practice Questions https://cutt.ly/17thjanBBC
Maths (Foundation)	Substitution Straight Line Graphs	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U201, U585, U144, U741, U315
Maths (Higher)	Rearranging Simple Formulae Finding inverse functions	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U556, U996
Combined Science	Radiation and radioactive isotopes	Produce revision notes/flash cards Pages 92-93 in the knowledge organiser
Combined Science (Higher)	Radiation and radioactive isotopes	Produce revision notes/flash cards Pages 92-93 in the knowledge organiser
Triple Science	Radiation and radioactive isotopes	Produce revision notes/flash cards Pages 24-26 in the Physics knowledge organiser
French	Speaking Exam	How to do well in the role play task https://cutt.ly/17thjanfrench2
Geography	Paper 2 Section B – Human Landscapes	Page 56 – Make notes on how migration has impacted on the UK's population growth Page 57 – Make notes giving reasons why the UK's primary and secondary sectors have reduced and the tertiary and quaternary sectors have increased. Complete the exam-style question Page 58 – Create a spider diagram to show reasons why investment is occurring in the UK include – reasons for the increase in FDI, the role of TNCs and investors. COMPLETE EDUCAKE ASSIGNMENT
		COMPLETE EDUCAKE ASSIGNMENT Make notes using the following link - Global atmospheric circulation - Polar, Ferrel and Hadley cells - Atmosphere and climate - Edexcel - GCSE Geography Revision - Edexcel - BBC Bitesize Pages 1,2,3,4
History	Paper 2: Early settlement of the West, c.1835 – c.1862	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 1 - 11
GCSE PE	Cardiovascular system	Q- Our heart rate will vary depending on whether we are physically resting, working or recovering. Explain why resting heart rate is lower than recovery heart rate. Applied Anatomy and Physiology BBC Bitesize – Cardiovascular system You tube – Planet PE – Cardiovascular system Seneca Learning - Cardiovascular system
OCR PE	Exam unit Contemporary issues in sport Learning outcome 2	Know about the role of sport in promoting values



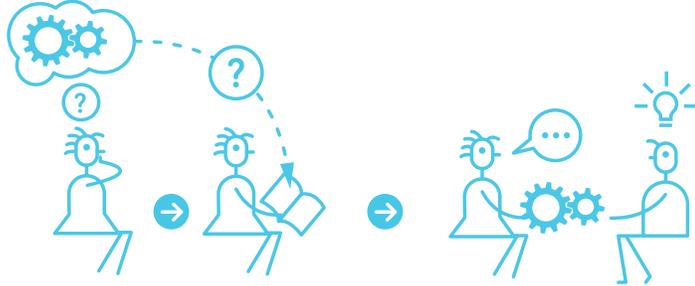
Elaboration

EXPLAIN AND DESCRIBE IDEAS WITH MANY DETAILS

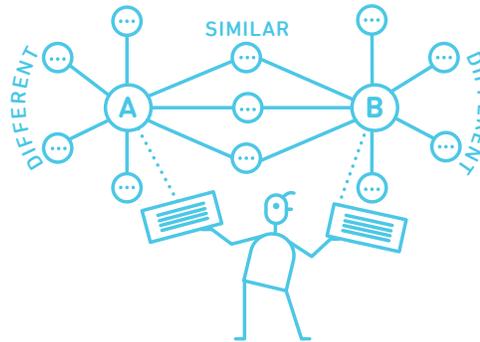


HOW TO DO IT

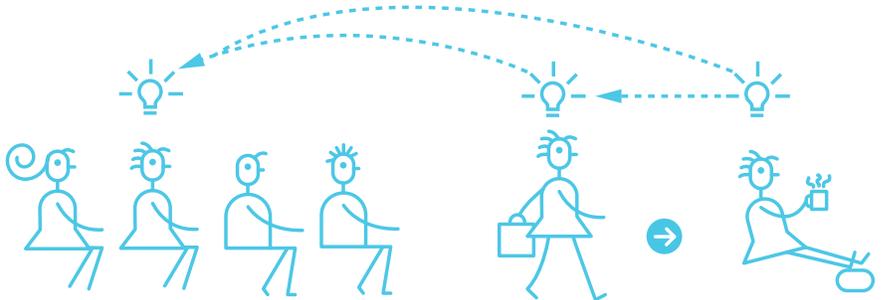
Ask yourself questions while you are studying about how things work and why, and then find the answers in your class materials and discuss them with your classmates.



As you elaborate, make connections between different ideas to explain how they work together. Take two ideas and think of ways they are similar and different.



Describe how the ideas you are studying apply to your own experiences or memories. As you go through your day, make connections to the ideas you are learning in class.



HOLD ON!



Make sure the way you are explaining and describing an idea is accurate. Don't overextend the elaborations, and always check your class materials or ask your teacher.



Work your way up so that you can describe and explain without looking at your class materials.

RESEARCH

[Read more about elaboration as a study strategy](#)

McDaniel, M. A., & Donnelly, C. M. (1996). Learning with analogy and elaborative interrogation. *Journal of Educational Psychology, 88*, 508-519.

Wong, B. Y. L. (1985). Self-questioning instructional research: A review. *Review of Educational Research, 55*, 227-268.

Weekly Minimum Expected Revision

Week 14 8th Jan

Subject	Topic	Work to complete
English	Language Paper 2 – question 4	Watch walk through and complete practice question https://cutt.ly/17thjanyoutube https://cutt.ly/17thjanpaper
English Literature	Macbeth	Historical context, the witches and regicide: https://continuityoak.org.uk/Lessons?r=806
Maths (Foundation)	Drawing Quadratic Graphs Sketching Functions	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U989, U667, U980, U593
Maths (Higher)	Inequalities on a Number Line Solve Linear Inequalities	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U509 U759, U738, U145, U337, U747
Combined Science (Foundation)	Rates of Reaction	Produce revision notes/flash cards Page 61 in the knowledge organiser
Combined Science (Higher)	Rates of Reaction	Produce revision notes/flash cards Page 63 in the knowledge organiser
Triple Science	Chemical Change – Acids	Produce revision notes/flash cards Pages 24-25 in the Chemistry knowledge organiser
French	Speaking Exam Roleplays	https://cutt.ly/FrenchSE
Geography	Paper 2 Section A – Physical Landscapes Rivers	Page 50 – Draw and annotate a storm hydrograph – in a sentence what is the difference between a flashy hydrograph and a gentle hydrograph? Page 51 – Draw a spider diagram explaining the physical and human causes of flooding – how do these affect hydrographs? Page 52 – What are the threats of flooding – give real-life examples Page 53 – Summarise 2 hard engineering (flood walls, embankments) and 2 soft engineering (floodplain retention, river restoration) – How do they reduce flooding? What are the costs and benefits? COMPLETE EDUCAKE ASSIGNMENT
		COMPLETE EDUCAKE ASSIGNMENT Explaining climate change and global warming - Climate change - Edexcel - GCSE Geography Revision - Edexcel - BBC Bitesize Pages 1,2,3,4
History	Paper 2: Development of the Plains, c.1862 – c.1876	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 12- 22
GCSE PE	Respiratory System	Q- Evaluate the extent to which the redistribution of blood flow is necessary during a hockey match? Applied Anatomy and Physiology BBC Bitesize – Respiratory System You tube – Planet PE – Respiratory System Seneca Learning - Respiratory System
OCR PE	Continue with - Exam unit Contemporary issues in sport Learning outcome 2	Know about the role of sport in promoting values

Weekly Minimum Expected Revision

Week 15 15th Jan

Subject	Topic	Work to complete
English	Language Paper 2 – question 5	Watch walk through and complete practice question https://cutt.ly/24thjanyoutube https://cutt.ly/24thjanpaper
English Literature	Macbeth	Revision of quotations/analysis https://cutt.ly/24thjanbbc
Maths (Foundation)	Generating a Sequence from the nth Term Finding the nth Term	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U213, U530, U498, U978, U206, U680, U958
Maths (Higher)	Compound Units Distance-Time Graphs	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U151, U256, U910, U527, U403, U914, U462, U966, U937
Combined Science (Foundation)	Reversible Reactions	Produce revision notes/flash cards Page 64 in the knowledge organiser
Combined Science (Higher)	Reversible Reactions	Produce revision notes/flash cards Page 65 in the knowledge organiser
Triple Science	Chemical change – metals reactions	Produce revision notes/flash cards Page 26 in the Chemistry knowledge organiser
French	Speaking Exam Roleplays	https://cutt.ly/FrenchRP
Geography	Paper 3 Section A – People & The Biosphere	Page 72 – Describe the distribution of major biomes and list local factors which affect biomes. Describe the nutrient cycle and list examples of biosphere resources. Page 73 – How does the biosphere provide essential services – e.g. what is regulated by the biosphere? Explain how population growth is affecting access to resources. What do Malthus and Boserup believe about population and resources? COMPLETE EDUCAKE ASSIGNMENT
History	Paper 2: Conflict and conquest, c.1876 – c.1895	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 23 - 21
GCSE PE	Aerobic and Anaerobic exercise	Q- create a table – explain what each heading is and link to the sports they are used in Applied Anatomy and Physiology BBC Bitesize – Aerobic and Anaerobic exercise You tube – Planet PE – Aerobic and Anaerobic exercise Seneca Learning - Aerobic and Anaerobic exercise
OCR PE	Exam unit Contemporary issues in sport Learning outcome 3	Understand the importance of hosting major sporting events

Weekly Minimum Expected Revision

Week 16 22nd Jan

Subject	Topic	Work to complete
English	Language Paper 1 – question 3	Watch walk through and complete practice question https://cutt.ly/31stjanyoutube https://cutt.ly/31stjanpaper
English Literature	Macbeth	Revision of quotations/analysis https://cutt.ly/31stjanbbc
Maths (Foundation)	Sharing using Ratio Ratios, Fractions and Graphs	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U753, U176, U577
Maths (Higher)	Similar Shapes Bisecting an Angle Constructing Perpendiculars - Bisecting a Line	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U187, U787, U245, U979, U820
Combined Science (Foundation)	Organic Chemistry and Crude Oil	Produce revision notes/flash cards Page 65 in the knowledge organiser
Combined Science (Higher)	Organic Chemistry and Crude Oil	Produce revision notes/flash cards Page 66 in the knowledge organiser
Triple Science	Chemical change – electrolysis	Produce revision notes/flash cards Page 28 in the Chemistry knowledge organiser
French	Speaking Exam	General Conversation- How to learn the answers https://cutt.ly/17thjanfrench1
Geography	Paper 2 Section A – Physical Landscapes – Coasts	Page 37 – Describe the 4 types of erosion and explain the formation of landforms caused by erosion. Complete exam style questions Page 38 – outline the impact of climate on waves and the different types of weathering COMPLETE EDUCAKE ASSIGNMENT
History	Paper 2: Q1 'Consequences' practice	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 40
GCSE PE	Long and short term effects of exercise	Q- Discuss the benefits of sustained physical activity on the cardio-respiratory system. Applied Anatomy and Physiology BBC Bitesize – Long and short term effects of exercise You tube – Planet PE – Long and short term effects of exercise Seneca Learning - Long and short term effects of exercise
OCR PE	Exam unit Contemporary issues in sport Learning outcome 4	Know about the role of national governing bodies in sport

Weekly Minimum Expected Revision

Week 17 29th Jan

Subject	Topic	Work to complete
English	Language Paper 1 – question 4	Watch walk through and complete practice question https://cutt.ly/7thfebyoutube https://cutt.ly/7thfebpaper
English Literature	A Christmas Carol	Inside Victorian London: https://continuityoak.org.uk/Lessons?r=219
Maths (Foundation)	Transformations	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U196, U799, U696, U519, U134, U766
Maths (Higher)	Transformations	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U196, U799, U696, U519, U134, U766
Combined Science (Foundation)	Alkanes and Cracking	Produce revision notes/flash cards Page 66 in the knowledge organiser
Combined Science (Higher)	Alkanes and Cracking	Produce revision notes/flash cards Page 67 in the knowledge organiser
Triple Science	Rates of Reaction	Produce revision notes/flash cards Page 31 in the Chemistry knowledge organiser
French	Picture Task – Speaking exam	https://cutt.ly/24thjanfrench1 https://cutt.ly/24thjanfrenchhigher
Geography	Paper 3 Section B – Forests - Rainforests	Page 74 – Create a poster outlining the key characteristics of tropical rainforests Complete exam style question Page 75 – Create an extended spider diagram outlining the threats to tropical rainforests – deforestation (direct threat), climate change (indirect threat) Page 76 – Draw a table showing the difference between CITES and REDD – Outline, advantage and disadvantages. Summarise other ways of managing the rainforest – ecotourism, afforestation, farming COMPLETE EDUCAKE ASSIGNMENT
History	Paper 2: Q2 ‘Narrative’ practice	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 41
GCSE PE	Planes and Axis	Answer the following 9 Mark Question: Evaluate the movement taking place when a gymnast performs a somersault.” Applied Anatomy and Physiology BBC Bitesize – Planes and Axis You Tube – Planet PE – Planes and Axis Seneca Learning – Planes and Axis
OCR PE	Exam unit Contemporary issues in sport Learning outcome 5	Positive and negative effects of the use of technology in sport



LEARN TO STUDY USING...

Interleaving

SWITCH BETWEEN IDEAS WHILE YOU STUDY

LEARNINGSOCIETISTS.ORG



HOW TO DO IT

Switch between ideas during a study session. Don't study one idea for too long.

TOPIC A



TOPIC B



TOPIC C



Go back over the ideas again in different orders to strengthen your understanding.

TOPICS A B C



STUDY SESSION 1

TOPICS C B A



STUDY SESSION 2

TOPICS A C B



STUDY SESSION 3

Make links between different ideas as you switch between them.



HOLD ON!



While it's good to switch between ideas, don't switch too often, or spend too little time on any one idea; you need to make sure you understand them.



Interleaving will feel harder than studying the same thing for a long time. But don't worry - this is actually helpful to your learning!

RESEARCH

[Read more about interleaving as a study strategy](#)

Rohrer, D. (2012). Interleaving helps students distinguish among similar concepts. *Educational Psychology Review*, 24, 355-367.

Weekly Minimum Expected Revision

Week 18 5th Feb

Subject	Topic	Work to complete
English	Language Paper 1 – question 5	Watch walk through and complete practice question https://cutt.ly/14thfebyoutube https://cutt.ly/14thfebpaper
English Literature	A Christmas Carol	Revision of quotations/analysis https://cutt.ly/14thfebbsc
Maths (Foundation)	Reverse Percentage Problems Interest	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U286, U278, U533, U332
Maths (Higher)	Tangents, Arcs, Sectors and Segments Pythagoras' Theorem	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U385, U541, U221, U373
Combined Science (Foundation)	Scalars, Vectors, Forces and Weight	Produce revision notes/flash cards Page 95 in the knowledge organiser
Combined Science (Higher)	Scalars, Vectors, Forces and Weight	Produce revision notes/flash cards Page 94 in the knowledge organiser
Triple Science	Factors affecting rate of reaction	Produce revision notes/flash cards Page 32 in the Chemistry knowledge organiser
French	Theme 3	Talking about future plans part 1: https://classroom.thenational.academy/lessons/talking-about-future-plans-part-14-6crkjc
Geography	Paper 2 Section A – Coasts	Page 39 – Create a spider diagram outlining different types of mass movement, transportation processes and longshore drift Page 40 – How are spits formed and what is a coastal bar? Page 41 – Create a spider diagram outlining how human activity can change coastline COMPLETE EDUCAKE ASSIGNMENT
History	Paper 2: Q3 'Importance' practice	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 43
GCSE PE	Levers	Answer the following 9 Mark Question: "Evaluate the movement taking place when a gymnast performs a somersault." Applied Anatomy and Physiology BBC Bitesize – Levers You Tube – Planet PE – Levers Seneca Learning – Levers
OCR PE	Past paper questions - Focussed on Learning outcome 1	Understand the issues which affect participation in sport

Weekly Minimum Expected Revision

Week 19 12th Feb

Subject	Topic	Work to complete
English	Language Paper 1 – full section A revision	Complete practice Section A https://cutt.ly/28thfebBBC
English Literature	Unseen Poetry	Revision of quotations/analysis https://cutt.ly/28thfebpart1 https://cutt.ly/28thfebpart2
Maths (Foundation)	Representing Data	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U363, U557, U508, U172, U200, U909
Maths (Higher)	Tree Diagrams	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U280, U558, U729
Combined Science (Foundation)	Resultant Forces and Work Done	Produce revision notes/flash cards Page 96 in the knowledge organiser
Combined Science (Higher)	Resultant Forces and Work Done	Produce revision notes/flash cards Page 95 in the knowledge organiser
Triple Science	Reversible Reactions	Produce revision notes/flash cards Page 33 in the Chemistry knowledge organiser
French	Listening Exam	Walk through https://cutt.ly/14thfebFrenchyoutube https://cutt.ly/14thfebFrenchyoutube2 https://cutt.ly/14thfebFrenchHighertips
Geography	Paper 3 Section B – Forests – Taiga	Page 77 – Create a poster showing the key characteristics of the taiga forest and how animals and plants have adapted to harsh conditions. Summarise worked example – bullet point valid points. Page 78 – Create an extended spider diagram outlining the threats to the taiga forest Page 79 – Make notes on how the taiga forest can be protected. COMPLETE EDUCAKE ASSIGNMENT
History	Paper 2: Henry VIII and Wolsey, 1509 - 1529	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 1 - 11
GCSE PE	Keeping fit and health through sport	Q- Explain how exercise links to performance in physical activity. Physical Training BBC Bitesize – Keeping fit and health through sport You tube – Planet PE – Keeping fit and health through sport Seneca Learning - Keeping fit and health through sport
OCR PE	Past paper questions - Focussed on Learning outcome 2	Know about the role of sport in promoting values

Weekly Minimum Expected Revision

Week 20 19th Feb

Subject	Topic	Work to complete
English	Language Paper 1 – question 5	Complete practice question https://cutt.ly/7thmarchwalk
English Literature	A Christmas Carol	Revising Dickens' life: https://continuityoak.org.uk/Lessons?r=220
Maths (Foundation)	Surface Area	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U929 U259, U871, U142, U464
Maths (Higher)	Error Intervals and bound	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U657, U587, U108, U301
Combined Science (Foundation)	Motion and Distance Time graphs	Produce revision notes/flash cards Pages 98-99 in the knowledge organiser
Combined Science (Higher)	Motion and Distance Time graphs	Produce revision notes/flash cards Pages 97-98 in the knowledge organiser
Triple Science	Crude oil and Alkanes	Produce revision notes/flash cards Pages 34-35 in the Chemistry knowledge organiser
French	Listening exam	Walk through: https://cutt.ly/14thfebrenchfoundation https://cutt.ly/14thfebrenchhigher
Geography	Paper 2 Section A - Coasts	Page 43 – what are the causes of coastal flooding, what are the threats to people and the environment and how will climate change have an impact? Page 44 – Outline 2 hard engineering and 2 soft engineering coastal management techniques – how do they work, costs and benefits Make notes on other management strategies COMPLETE EDUCAKE ASSIGNMENT
History	Paper 2: Henry VIII and Cromwell, 1529 - 1540	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 12 - 19
GCSE PE	Principles of training	Q- Discuss the principles of training applicable to a Basketball player looking to improve their leg strength to be able to jump higher to win rebounds (6) Physical Training BBC Bitesize – Principles of training You tube – Planet PE – Principles of training Seneca Learning - Principles of training
OCR PE	Past paper questions - Focussed on Learning outcome 3	Understand the importance of hosting major sporting events

Weekly Minimum Expected Revision

Week 21 26th Feb

Subject	Topic	Work to complete
English	Language Paper 2 question 4	Complete practice question https://cutt.ly/14thmachpaper
English Literature	Macbeth	Revision of exam craft https://cutt.ly/14thmarchbbc
Maths (Foundation)	Volume	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U786, U174, U484, U915
Maths (Higher)	Factorising and Solving Quadratics The Difference of Two Squares Completing the square	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U178, U858, U963, U397
Combined Science (Foundation)	Biology Paper 1	Cell biology Organisation Infection and response Bioenergetics
Combined Science (Higher)	Biology Paper 1	Cell biology Organisation Infection and response Bioenergetics
Triple Science	Alkenes and Polymers	Produce revision notes/flash cards Pages 36-37 in the Chemistry knowledge organiser
French	Theme 3	Discussing career choices part 1: https://classroom.thenational.academy/lessons/discussing-career-choices-part-13-6wwk6d
Geography	Paper 3 Section C – Energy	Page 80 – Using examples define – non-renewable, renewable and recyclable resources Page 81 – Create a spider diagram outlining reasons why there is variation in energy consumption What factors affect energy supply? Complete exam style question COMPLETE EDUCAKE ASSIGNMENT
History	Paper 2: The Reformation and its impact, 1529 - 1540	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 20 - 30
GCSE PE	Methods and effects of training	Q- What is plyometric training and how could it benefit a sports performer of your choice? Physical Training BBC Bitesize – methods and effects of training You tube – Planet PE – methods and effects of training Seneca Learning - methods and effects of training
OCR PE	Past paper questions - Focussed on Learning outcome 4	Know about the role of national governing bodies in sport



LEARN TO STUDY USING... Concrete Examples

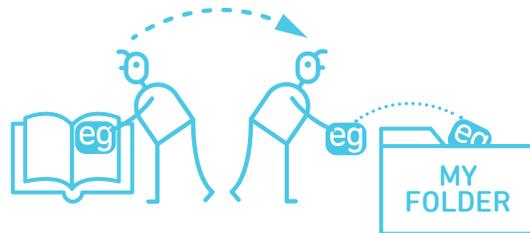
USE SPECIFIC EXAMPLES TO UNDERSTAND ABSTRACT IDEAS

LEARNINGSOCIETISTS.ORG



HOW TO DO IT

Collect examples your teacher has used, and look in your class materials for as many examples as you can find.



Make the link between the idea you are studying and each example, so that you understand how the example applies to the idea.



Share examples with friends, and explain them to each other for added benefits.



HOLD ON!



You may find examples on the internet that are not used appropriately. Make sure your examples are correct - check with your teacher.



Ultimately, creating your own relevant examples will be the most helpful for learning.

RESEARCH

Read more about [concrete examples as a study strategy](#)

Rawson, K. A., Thomas, R. C., & Jacoby, L. L. (2014). The power of examples: Illustrative examples enhance conceptual learning of declarative concepts. *Educational Psychology Review*, 27, 483-504.

Weekly Minimum Expected Revision

Week 22 4th March

Subject	Topic	Work to complete
English	Language Paper 2 question 3	Complete practice question https://cutt.ly/21stmarchpaper
English Literature	An Inspector Calls	Revision of exam craft https://cutt.ly/21stmarchbbc
Maths (Foundation)	Circle Definitions Area of a Circle Circumference of a Circle	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U767, U604, U950
Maths (Higher)	Finding the Equation of a Straight Line - $y=mx+c$ Finding the Equation of a Straight Line - Gradient and Coordinates	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U315, U669, U477, U848, U377, U898
Combined Science (Foundation)	Biology paper 2	Homeostasis and response Inheritance Ecology
Combined Science (Higher)	Biology paper 2	Homeostasis and response Inheritance Ecology
Triple Science	Alcohols and Carboxylic Acids	Produce revision notes/flash cards Pages 38-39 in the Chemistry knowledge organiser
French	Theme 3	Discussing career choices part 2: https://classroom.thenational.academy/lessons/discussing-career-choices-part-23-70tkge
Geography	Paper 3 Section C – Energy	Page 82 – summarise oil production and oil prices Page 83 – Create an extended spider diagram explaining the economic and environmental issues associated with oil and gas Summarise worked example and complete exam style practice Page 84 – summarise examples of sustainable energy options Create a poster for the benefits and costs of renewable sources of energy e.g. solar & wind Page 85 -Why are attitudes towards energy consumption changing? Complete exam practice question COMPLETE EDUCAKE ASSIGNMENT
History	Paper 2: Q1(a) 'Two features' practice	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 38
GCSE PE	Health and safety in sport	Q – Give two reasons why an over 40s bowls players may take part in physical activity. (2 marks) Health fitness and well being BBC Bitesize– Health fitness and well being You tube – Planet PE – Health fitness and well being Seneca Learning - Health fitness and well being
OCR PE	Past paper questions - Focussed on Learning outcome 5	Positive and negative effects of the use of technology in sport

Weekly Minimum Expected Revision

Week 23 11th March

Subject	Topic	Work to complete
English	Language Paper 2 question 5	Complete practice question https://cutt.ly/28thmarchbbc
English Literature	Unseen Poetry	Revision of exam craft https://cutt.ly/28thmarchyoutube
Maths (Foundation)	Angles and Parallel Lines Angles in a Triangle Properties of Special Triangles Angle Sum of Polygons	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U628, U732, U655, U826, U329, U427
Maths (Higher)	Transformation of graphs	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U598, U487, U455
Combined Science (Foundation)	Biology required practicals	Microscopes, Osmosis, Food tests Enzymes, Photosynthesis Reaction time, Field investigations
Combined Science (Higher)	Biology required practicals	Microscopes, Osmosis, Food tests Enzymes, Photosynthesis Reaction time, Field investigations
Triple Science	Biology Paper 1	Cell structure Transport in cells Animal tissues, organs and organ systems
French	Theme 3	Discussing career choices part 3: https://classroom.thenational.academy/lessons/discussing-career-choices-part-33-ccu32c
Geography	Paper 3 Section C - Energy	Paper 3 Section C - Energy Page 84 – summarise examples of sustainable energy options Create a poster for the benefits and costs of renewable sources of energy e.g. solar & wind Page 85 -Why are attitudes towards energy consumption changing? Complete exam practice question COMPLETE EDUCAKE ASSIGNMENT
History	Paper 2: Q1(c) 'How far do you agree...' practice	COMPLETE EDUCAKE ASSIGNMENT Pearson revision guide page 41
GCSE PE	Health and well being in sport	Q – John enjoyed athletics and swimming and would often run or swim in his free time. Explain how John could use participation in these activities to improve his social health. (3 marks) Health fitness and well being BBC Bitesize– Health and well being in sport You tube – Planet PE – Health and well being in sport Seneca Learning - Health and well being in sport
OCR PE	Exam unit Revision on learning outcomes	Revision on all 5 learning outcome 1 - Understand the issues which affect participation in sport 2 - Know about the role of sport in promoting values 3 - Understand the importance of hosting major sporting events 4 - Know about the role of national governing bodies in sport 5 - Positive and negative effects of the use of technology in sport pupils-revision-pack(1).pdf (goldington.beds.sch.uk)

Weekly Minimum Expected Revision

Week 24 18th March

Subject	Topic	Work to complete
English	Language Paper 2 question 2	Complete practice question https://cutt.ly/4thaprilbbc
English Literature	An Inspector Calls	Revision of quotations/analysis https://cutt.ly/4thaprilbruff
Maths (Foundation)	Averages	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U526, U456, U260, U291, U569, U854, U877
Maths (Higher)	Simultaneous Equations	1 hour of Sparx Maths Including optional and target work Also focus on Sparx topic code: U760, U757, U547, U836, U875, U137
Combined Science (Foundation)	Chemistry Paper 1	Atomic structure Periodic table Bonding Quantitative chemistry Chemical changes Energy changes
Combined Science (Higher)	Chemistry Paper 1	Atomic structure Periodic table Bonding Quantitative chemistry Chemical changes Energy changes
Triple Science	Biology Paper 1	Plant tissues, organs and systems Communicable diseases Monoclonal antibodies
French	Theme 1	Talking about relationships: https://classroom.thenational.academy/lessons/talking-about-relationships-part-13-6wvkac
Geography	Review your revision	check back through weeks 1-22 – do you have any gaps? If so complete tasks for that week. COMPLETE EDUCAKE ASSIGNMENT
History	Targeted revision – Paper 1	COMPLETE EDUCAKE ASSIGNMENT
GCSE PE	Sedentary lifestyle	Q – Evaluate the need for an endurance athlete to maintain a balanced diet. (9 marks) Health fitness and well being BBC Bitesize– sedentary lifestyle You tube – Planet PE – sedentary lifestyle Seneca Learning - sedentary lifestyle
OCR PE	Exam unit Past Papers on all learning outcomes	- Understand the issues which affect participation in sport 2 - Know about the role of sport in promoting values 3 - Understand the importance of hosting major sporting events 4 - Know about the role of national governing bodies in sport 5 - Positive and negative effects of the use of technology in sport pupils-revision-pack(1).pdf (goldington.beds.sch.uk)



LEARN TO STUDY USING...

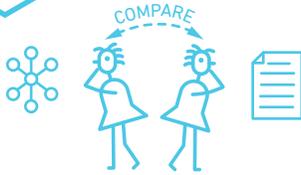
Dual Coding

COMBINE WORDS AND VISUALS

LEARNINGSOCIETISTS.ORG



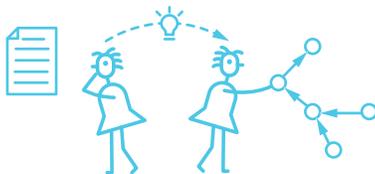
HOW TO DO IT



Look at your class materials and find visuals. Look over the visuals and compare to the words.



Look at visuals, and explain in your own words what they mean.

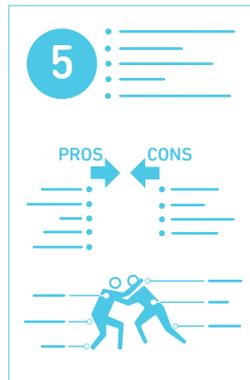


Take information that you are trying to learn, and draw visuals to go along with it.

HOLD ON!

Try to come up with different ways to represent the information visually, for example an infographic, a timeline, a cartoon strip, or a diagram of parts that work together.

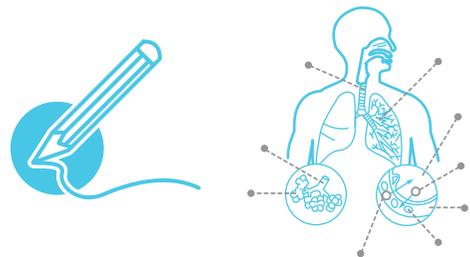
INFOGRAPHIC



CARTOON STRIP



DIAGRAM



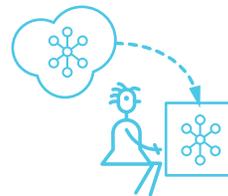
GRAPHIC ORGANIZER



TIMELINE



Work your way up to drawing what you know from memory.



RESEARCH

[Read more about dual coding as a study strategy](#)

Mayer, R. E., & Anderson, R. B. (1992). The instructive animation: Helping students build connections between words and pictures in multimedia learning. *Journal of Educational Psychology*, 4, 444-452.

Revision Timetable

	Monday	Tuesday	Wednesday	Thursday	Friday
8:40am -3:20pm	School	School	School	School	School
3:20pm-4:20pm	Lesson 6	Lesson 6	Lesson 6	Lesson 6	Lesson 6
Suggested times (You might need to adjust for meal times etc)					
4:30pm-6:00pm	English Lang	Mathematics	Science	English Lit	Mathematics
Core Subjects and Homework	Homework	Homework	Homework	Homework	Homework
6:00pm-7:00pm Options	Science (For Triple) or your choice	Option D	Option E	Option C	Science
7:00pm-8pm QLA Work	Options QLA Work	Science QLA Work	English QLA work	Maths QLA Work	Options QLA Work



Option C: Geography, French, History, Dt, Food, OCR PE, Health and Social, IT

Option D: French, Geography, History, Art, Design, Health and Social, IT, Dance

Option E: Geography, History, Art, Computer Science, DT, Food, OCR PE, GCSE PE, Music, PA

Minimum Expected Revision

Revision Timetable

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
8:40am -3:20pm	School	School	School	School	School		
3:20pm-4:20pm							
1h 30 mins _____ to _____							
2 hours _____ to _____							

Now you need to fill time available with revision for each of your subjects

English Lit	English Lang	Maths x2	Science x2
Option C (Geography, French, History, Dt, Food, OCR PE, Health and Social, IT)	Option D (French, Geography, History, Art, Design, Health and Social, IT, Dance)	Option E (Geography, History, Art, Computer Science, DT, Food, OCR PE, GCSE PE, Music, PA)	Homework and QLA Work



Timetable for _____

