



Year 11 Revision Tasks and Support

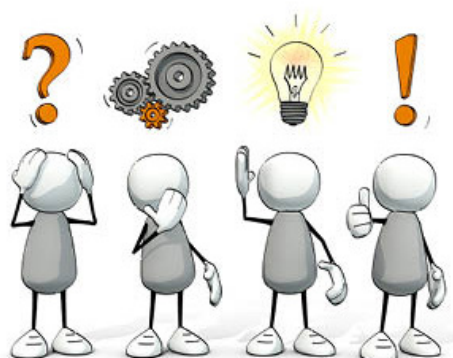
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Independent Revision Booklet: Introduction

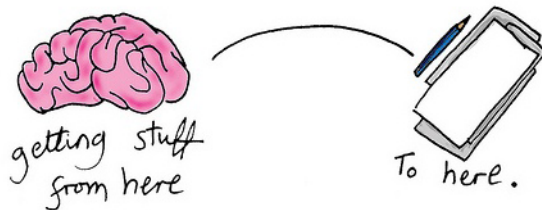
Exams are challenging – they are meant to be. They test a range of skills, including recall, analysis, problem solving and synthesis. So, we need strategies which make it easier to do well, and one of these is the way we approach our revision.



By improving our recall skills, we can free space in our day to day working memories. This enables us to do the difficult things like problem solving more efficiently and effectively. If we have a secure bank of knowledge to call on, this will allow us to flourish and use our higher level skills better when faced with challenges.



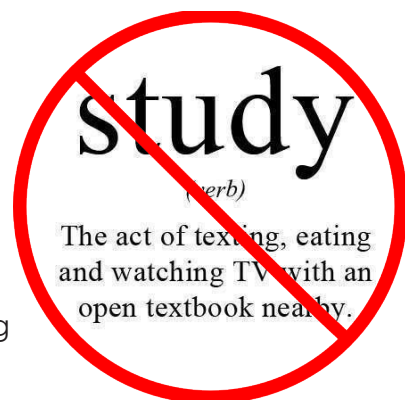
The eternal struggle.



Working memory has a limited capacity. Research suggests this is around 4 pieces of information, whereas long term memory has a large capacity. In order to reduce strain on our working memory (which causes us to get confused, frustrated and give up) we can use a range of strategies.

These include:

- Learning information in small, manageable chunks
- Combining visuals with words to help information stick
- Spacing out learning, returning to previous learning
- Retrieval practice – practising bringing information to mind and testing it
- Looking back to old topics, not the ones we are studying now, and going over them



Overall, the best learning happens when our working memory is not overwhelmed. Regular short bursts of revision and testing ourselves through quizzes help us retain information in our long term memories. This means we retain information rather than forgetting it after a short period of time.



Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
1	Learn 3 Macbeth quotations about ambition	Watch https://www.youtube.com/watch?v=UVUP-jbrrTM and make notes	Learn 3 poetry quotations about the power of nature	Learn 2 AIC quotations about socialism	Identify 3 quotations you can use for AIC that link to context
2	Learn 3 Macbeth quotations that can be used for lots of topics	Watch https://www.youtube.com/watch?v=K_PtFsOPBg4 and make notes	Learn 3 poetry quotations about the power of man	Learn 3 AIC quotations about the Inspector	Bullet point what AO3 points you could make for the first 5 poems
3	Learn 3 quotations about Macbeth	Watch https://www.youtube.com/watch?v=_oKY_RRM-Wg and make notes	Learn 3 quotations from the poems about the effects of conflict	Learn 3 AIC quotations about Sheila Birling	Write an analysis for a quotation from each lit text
4	Recap week 1 A-E	Learn 2 quotations from TSo4 about mystery	Learn 3 quotations from the poems about pride	Learn 3 quotations from Macbeth about fate/free will	For each character in AIC identify 1 key quotation with analysis
5	Recap week 2 A-E	Recap all of the linguistic devices you know. Make sure you know what they all mean.	Learn 3 quotations from the poems about identity	Learn 2 quotations about Lady Macbeth and identify key words, meaning and techniques	Plan which quotations to use for the essay question: how does Conan Doyle present the relationship between Holmes and Watson?
6	Recap week 3 A-E	Learn 3 quotations from TSo4 that can be used for lots of topics	Learn 3 quotations from the poems about memories	Learn 3 AIC quotations about Eric Birling	Plan which quotations to use for the essay question: How does Shakespeare present the relationship between Macbeth and Lady Macbeth?
7	Recap week 1 A-E	Recap week 4 B-E	Learn 3 quotations about places in TSo4	Plan which quotations to use for the following essay: Feelings about a place in The Emigree and one other	Recap all of the terminology for the structure question
8	Recap week 2 A-E	Recap week 5 B-E	Learn 3 quotations from the poems about individual experience	Plan which quotations to use for the following essay: AIC: Inspector Goole's power	Recap your persuasive devices. Make sure you know how to use them all
9	Recap week 3 A-E	Recap week 6 B-E	Learn 3 quotations about Holmes	Plan which quotations to use for the following essay: How does Conan Doyal present Watson?	Recap different forms of non-fiction writing (letter, speech, article). Make sure you know how to write each of them.
10	Recap week 1 A-E	Recap week 4	Recap week 7	Plan which quotations to use for the following essay: How does Shakespeare present ideas about fate and free will?	Recap different sentence types and punctuation types
11	Recap week 2 A-E	Recap week 5	Recap week 8	Plan which quotations to use for the following essay: Power in Tissue and one other poem	Plan which quotations to use for the following essay: AIC: How Priestley presents class

Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
1	Start to make a formulae poster or revision cards with all the formulae on.	Learn Indices rules and standard form.	Write out all the angle rules including angle in polygons rules and, for higher, all circle theorems.	Write down the fraction, decimal and percentage equivalences for halves, quarters, thirds, fifths, eighths and tenths. Learn them.	Complete a methodmaths exam paper using a revision guide to help.
2	Complete your formulae poster or revision cards with all the need to know formulae on	Recap the rules for simplifying expressions.	Learn Pythagoras theorem - Know when to add when to subtract. Make some revision cards with examples.	Use Seneca to practice indices rules and standard form questions	Complete a methodmaths exam paper using a revision guide to help.
3	Recap and learn facts from week 1 Tasks A to D	Practice non-calculator decimal skills - rounding to 1 dp, 2 dp, 1 sf, 2 sf, 3 sf. Addition, subtraction, multiplication and division.	Write out the pieces of information required to gain full marks when describing a transformation.	Write a revision card on estimating calculations by rounding to 1 significant figure and (higher) upper and lower bounds of calculations involving multiplication and division.	Use Seneca to practice areas of weakness
4	Practice drawing a Venn diagram and learn the notation which goes with it.	Learn how to draw a tree diagram and to use it to calculate probabilities.	Recap adding and subtracting column vectors, and (higher) vector proof questions.	Use seneca to practice decimal skills and estimation	Complete a methodmaths exam paper using a revision guide to help.
5	Recap and learn facts from week 2 Tasks A - C	Learn the rules for similar triangles, and the rules regarding area and volume scale factors.	Recap the constructions for angle bisector, perpendicular bisector, perpendicular to a line, perpendicular to a point, and the related loci.	Create a revision card on finding the nth term of a sequence and (higher) the nth term of a quadratic sequence.	Look at completed practice papers and re-do any multi-step questions
6	Practice non-calculator methods for multiplication, division, addition and subtraction	Learn formulae for area of rectangle, triangle, trapezium, parallelogram, circle.	Learn names of parts of a circle and formulae for area and circumference of a circle. Learn how to find the length of an arc and the area of a sector.	Use Seneca to practice angles problems and (Higher) circle theorems	Complete a methodmaths exam paper using a revision guide to help.
7	Recap and learn facts from week 3 Tasks A - D	Practice non calculator fractions skills. Improper fractions to mixed numbers, addition, subtraction, multiplication and division	Write down the Trigonometry formulae. Know when to multiply and when to divide. Use the formula triangles if you're unsure.	(Higher) Make a poster/ revision card explaining when to use the sine rule, cosine rule and the sine rule for area.	Use Seneca to practise Area and volume
8	Practice non-calculator percentage calculations 5%, 10%, 20%, 1%	Write down the rules for congruent triangles. Use https://corbettmaths.com/wp-content/uploads/2013/02/congruent-triangles-pdf1.pdf to practice congruency proof questions.	Make a revision poster or revision cards for percentage calculations using multipliers, compound interest and reverse percentages	Use seneca to practice pythagoras theorem and right angles trigonometry	Complete a methodmaths exam paper using a revision guide to help.

Maths

9	Practice calculator methods for fractions, percentages, indices, square roots, ANS button.	Practice finding the prime factors of a number. Know how to find the LCM and the HCF. Practice related word problems	Foundation: Recap BIDMAS and substitution. Higher: Practise algebraic fractions	Make a poster on the properties of graphs. Include $y=mx+c$, quadratics, cubics, square root, reciprocal, and for higher, Trig graphs	Use Seneca to practise Percentage calculations
10	Recap and learn facts from week 4 Tasks A - C.	Practice expanding, single, double brackets and factorising into one bracket and two brackets. (higher) expanding triple brackets and factorising expressions which start with $2x^2$ or $6x^2$ for example.	Learn volumes of cuboid, prism, cylinder and sphere and how to find the surface area of these shapes	Foundation: Learn prime numbers, square numbers, cube numbers, factors, multiples Higher: Practise using the quadratic formula and completing the square.	Complete a methodmaths exam paper using a revision guide to help.
11	Recap and learn facts from week 5 Tasks B - E	Recap and learn facts from week 6 Tasks A - C	Practice forming equations from shape and angle questions and solving.	Foundation: Revise probability rules. Higher: Practice iteration techniques	Use Seneca to practise expanding brackets and factorising
12	Recap and learn facts from week 7 Tasks B - C	Recap and learn facts from week 8 Tasks A - C	Recap and learn facts from week 9 Tasks A - D	Recap and learn facts from week 10 B - D	Recap and learn facts from week 11 C,D

Science - Biology

Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
	Combined & Triple	Combined & Triple	Combined & Triple	Combined & Triple	Triple only
1	Draw and label a typical animal and plant cell	Make a flowchart showing the stages of mitosis	On the Student Shared Area, answer questions 1 and 2 from the Required Practical Revision Guide Resource Biology Section	Use the revision guide to explain the difference between osmosis, diffusion and active transport	What are the ethical issues involved in the use of stem cells in research and therapy?
2	Put the levels of organisation in order - tissues, organs, cells, organ systems and organisms and define each level	Describe the human digestive system and its components	On the Student Shared Area, answer questions 3 and 4 from the Required Practical Revision Guide Resource Biology Section	Explain how enzymes work and list examples of where they are found	What are the risk factors associated with coronary heart disease and cancer? How can they be mitigated?
3	Draw a diagram of the heart and label the parts	Label a diagram of the cross section of a leaf and describe the different tissues	On the Student Shared Area, answer questions 5 and 6 from the Required Practical Revision Guide Resource Biology Section	List examples of diseases caused by bacteria, fungi, protists and viruses. How are they spread?	How are monoclonal antibodies made and used?
4	Explain the vaccination process and how immunity is established	Compare aerobic and anaerobic respiration	On the Student Shared Area, answer questions 7 and 8 from the Required Practical Revision Guide Resource Biology Section	Explain the significance of photosynthesis and how glucose made in the reaction is used in the plant	Give examples of plant diseases and how they affect plants? List ways in which plants respond to attack by pathogens or other threats
5	What factors affect the rate of photosynthesis? Sketch graphs to show each	Draw a labelled diagram of the reflex arc	On the Student Shared Area, answer questions 9 and 10 from the Required Practical Revision Guide Resource Biology Section	How is blood sugar controlled in mammals?	Make a labelled diagram of the brain showing the different regions. Draw a diagram of the eye and explain how the eye is able to focus on close and distant objects
6	What are the methods of contraception? List the advantages and disadvantages of each	Make a flowchart showing the stages of meiosis	On the Student Shared Area, answer questions 10 and 12 from the Required Practical Revision Guide Resource Biology Section	Define the following terms: gamete, chromosome, gene, allele, dominant, recessive, homozygous, heterozygous, genotype, phenotype	What is the structure of DNA? Draw a labelled diagram to show it
7	Recap week 1	Make a flowchart explaining the stages involved in evolution by natural selection	What are the inherited diseases cystic fibrosis and polydactyly? How is each inherited?	What are the main steps in selective breeding and genetic engineering?	Explain the following methods of cloning: tissue culture, cuttings, embryo transplants and adult cell cloning
8	Recap Week 2	How does the fossil record provide evidence for evolution? Watch a GCSEPod podcast on this	What is MRSA? Why is it an issue in hospitals and how does it arise?	Make a mnemonic to remember the order of classification - kingdom, phylum, class, order, family, genus, species	Describe the steps which give rise to new species - the process of speciation
9	Recap Week 3	Recap Week 4	List and explain the abiotic and biotic factors which affect communities	Pick a plant and an animal and list the adaptations which each has to make them survive in their natural environment	Explain the significance of decomposition in biology

Science - Biology

10	Recap Week 1	Recap Week 2	Recap Week 3	Why do animals and plants become extinct?	Review trophic levels in an ecosystem and practice drawing pyramids of biomass, energy and number
11	Recap Week 5	Recap Week 6	Recap Week 7	On the Student Shared Area practice the use of SQUAD by using the SQUAD Paragraphs in Science Resource	List ways in which food production has been affected by human populations increasing
12	Recap Week 8	Recap Week 9	Recap Week 10 and 11	On the Student Shared Area review the list of AQA Exam Command Words and make sure you know what each requires in the exam	Draw the steps involved in producing mycoprotein from <i>Fusarium</i>

Use Seneca Learning, SAM Learning, GCSEPod, BBC Bitesize as well as your Revision Guide to help with these tasks.

	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
	Combined and Triple	Combined and Triple	Combined and Triple	Combined and Triple	Triple only
1	Distinguish between atoms, compounds and mixtures	For each of the first 20 elements of the periodic table draw out the electronic configuration diagram	On the Student Shared Area, answer questions 1 and 2 from the Required Practical Revision Guide Resource - Chemistry Section	List the properties and reactions of the group 0, group 1 and group 7 elements	How do the transition metals compare with the group 1 elements?
2	Draw a diagram to show how ionic bonds form	Use sodium chloride as an example of a lattice structure and explain its properties	On the Student Shared Area, answer questions 3 and 4 from the Required Practical Revision Guide Resource - Chemistry Section	Use diagrams to explain how covalent bonds form and the relevance of delocalised electrons in metallic bonding	List the properties and uses of nanoparticles
3	Draw a simple diagram to show the particle arrangement in solids, liquids and gases	Explain the properties of giant covalent structures using diamond and graphite as examples	On the Student Shared Area, answer questions 5 and 6 from the Required Practical Revision Guide Resource - Chemistry Section	Explain why alloys are useful in industry and why metals are good conductors of electricity	$\% \text{ Yield} = \frac{\text{Mass of product actually made}}{\text{Maximum theoretical mass of product}} \times 100$ Use the above yield equation to calculate percentage yield of a reaction
4	Calculate the relative formula mass of some compounds	Practice balancing chemical symbol equations	On the Student Shared Area, answer questions 7 and 8 from the Required Practical Revision Guide Resource - Chemistry Section	Practice using the relative formula mass to calculate the number of moles in a given mass	Write a method to determine the reacting volumes of a strong acid and alkali using titration
5	Devise a mnemonic to help remember the order of elements in the reactivity series	Describe the use of universal indicator to measure pH and the significance of acidic or alkaline pH values	On the Student Shared Area, answer questions 9 and 10 from the Required Practical Revision Guide Resource - Chemistry Section	Write a method to produce a pure, dry sample of a soluble salt	Evaluate the use of fuel cells in comparison with batteries and rechargeable cells
6	Draw a labelled diagram to show how electrolysis is used to extract metals	Write a definition of exothermic and endothermic and give some examples of when each type of reaction may be used	On the Student Shared Area, answer questions 10 and 12 from the Required Practical Revision Guide Resource - Chemistry Section	Calculate the mean rate of a reaction from information given about the quantity of a reactant used or product formed	Write out the structural formulae of the first 4 alkenes and explain their properties
7	Recap week 1	Explain why catalysts are able to speed up reactions in terms of activation energy	Give examples of reversible reactions and explain how temperature, concentration and pressure may affect the equilibrium	Draw a diagram of the process of fractional distillation and list the products produced from crude oil	Describe what happens when alcohols react with sodium or burn in air. How are alcohols used industrially?
8	Recap Week 2	Describe the process of cracking hydrocarbons to produce smaller molecules. What are these used for?	$R_f = \frac{\text{distance moved by substance}}{\text{distance moved by solvent}}$ Describe how chromatography is used and calculate R _f values	Write out the method for testing for oxygen, hydrogen, carbon dioxide and chlorine gases	Write methods for testing for metal ions using flame tests
9	Recap Week 3	Recap Week 4	Draw a timeline to show how the composition of earth's atmosphere changed from its formation until today	Evaluate the extent to which humans have influenced climate change by their activities	How could you design an experiment to show that water and oxygen are necessary for materials to rust?

Science - Chemistry

	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
9	Recap Week 3	Recap Week 4	Draw a timeline to show how the composition of earth's atmosphere changed from its formation until today	Evaluate the extent to which humans have influenced climate change by their activities	How could you design an experiment to show that water and oxygen are necessary for materials to rust?
10	Recap Week 1	Recap Week 2	Recap Week 3	List methods for treatment of water to produce potable water and compare with methods used to treat waste water	How are ceramics, polymers and composite materials used? Link properties of each to their suitability
11	Recap Week 5	Recap Week 6	Recap Week 7	On the Student Shared Area practice the use of SQUAD by using the SQUAD Paragraphs in Science resource	Draw an annotated diagram to explain the Haber process
12	Recap Week 8	Recap Week 9	Recap Week 10 and 11	On the Student Shared Area review the list of AQA Exam Command Words and make sure you know what each requires in the exam	How do NPK fertilisers get manufactured? Why are they useful in the soil?

Use Seneca Learning, SAM Learning, GCSEPod, BBC Bitesize as well as your Revision Guide to help with these tasks.

Science - Physics

	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
	Combined and Triple	Combined and Triple	Combined and Triple	Combined and Triple	Triple only
1	Draw a diagram to show the changes which may be involved in the way energy is stored when a moving object hits an obstacle	Use equations 10 and 11 to practise calculations of kinetic and gravitational potential energy	On the Student Shared Area, answer questions 1 and 2 from the Required Practical Revision Guide Resource Physics Section	Write a method to determine the specific heat capacity of a material	Explain the process of static electricity being produced and also draw the field pattern for an isolated charged sphere
2	List the main forms of energy resources - both renewable and non-renewable	Use equations 12 and 13 to practise calculations of power	On the Student Shared Area, answer questions 3 and 4 from the Required Practical Revision Guide Resource - Physics Section	Practise calculations of efficiency using equations 14 and 15	Describe the factors that may affect the thermal insulation properties of a material
3	Draw the circuit symbols for the following components: open and closed switch, lamp, cell, fuse, voltmeter, ammeter, diode, battery, resistor, variable resistor, LDR, LED	Practise calculations of charge flow using equation 17	On the Student Shared Area, answer questions 5 and 6 from the Required Practical Revision Guide Resource - Physics Section	How is the resistance of a wire affected by length and temperature? Use Equation 18 to practise calculations involving current and resistance	Practise gas pressure problems using the given equation 12
4	Draw the current vs potential difference graphs for an LDR, a diode and a thermistor	Practise calculations of power in electrical circuits using equations 19 and 20	On the Student Shared Area, answer question 7 from the Required Practical Revision Guide Resource - Physics Section	Calculate the amount of energy being transferred by electrical work by using equations 21 and 22	Describe the principles and uses of nuclear fission and fusion
5	Draw a diagram of the stages from electrical power generation, through the national grid to a domestic user. Include step-up and step-down transformers	Describe a method for calculating the density of an object. Use equation 23 to practise calculations of density	On the Student Shared Area, answer question 8 from the Required Practical Revision Guide Resource - Physics Section	Define the mass number and atomic number of an element. What is an isotope?	Give some uses of nuclear radiation in medicine - what are the dangers of these treatments?
6	Draw a timeline showing the development of various models of the atom	Practice using nuclear equations to represent radioactive decay - include both beta and alpha particles	On the Student Shared Area, answer question 9 from the Required Practical Revision Guide Resource - Physics Section	Compare the hazards associated with contamination and irradiation by radioactive sources	Use equation 4 to practise calculations of moments. Give examples of when moments are used
7	Recap week 1	Practise calculations of weight and gravity using equation 1	Practise calculations of work done using equation 2	Write a method to determine the spring constant of a given material. Practise calculations using equations 3 and given equation 4	Use equation 5 and given equation 1 to practise calculation of pressure in fluids
8	Recap Week 2	Distinguish between speed and velocity. Practise calculations involving speed by using equation 6	Practise calculations of acceleration and uniform acceleration using equation 7 and given equation 2	Be able to apply Newtons laws to problems of braking and objects moving. Use equation 8	Use given equation 3 to practise calculations of changes in momentum

Science - Physics

	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
8	Recap Week 2	Distinguish between speed and velocity. Practise calculations involving speed by using equation 6	Practise calculations of acceleration and uniform acceleration using equation 7 and given equation 2	Be able to apply Newtons laws to problems of braking and objects moving. Use equation 8	Use given equation 3 to practise calculations of changes in momentum
9	Recap Week 3	Recap Week 4	Distinguish between longitudinal and transverse waves and use equation 16 to practice calculations of wave frequency and wavelength	Draw a diagram and devise a mnemonic to remember the electromagnetic spectrum. Try the song on the subject by Mr V https://www.youtube.com/watch?v=ifKldJQQuV4	Explain how sound waves are used for detection and exploration - include ultrasonics and seismic
10	Recap Week 1	Recap Week 2	Recap Week 3	Go through all the equations that you need to know and make sure you can remember them, rearrange them and apply them	Use ray diagrams to show how lenses refract light. Use the given equation 7 to practise calculations of magnification
11	Recap Week 5	Recap Week 6	Recap Week 7	On the Student Shared Area practice the use of SQUAD by using the SQUAD Paragraphs in Science Resource	Explain how moving coil loudspeakers work
12	Recap Week 8	Recap Week 9	Recap Week 10 and 11	On the Student Shared Area review the list of AQA Exam Command Words and make sure you know what each requires in the exam	Draw a diagram to summarise the life-cycle of a star. Also, explain the significance of red-shift

Use Seneca Learning, SAM Learning, GCSEPod, BBC Bitesize as well as your Revision Guide to help with these tasks

Learn these Equations! You will not be given these in the exam!

Equations required for Higher Tier papers only are indicated by HT in the left hand column.

Equation number	Word equation	Symbol equation
1	weight = mass \times gravitational field strength (g)	$W = m g$
2	work done = force \times distance (along the line of action of the force)	$W = F s$
3	force applied to a spring = spring constant \times extension	$F = k e$
4	moment of a force = force \times distance (normal to direction of force)	$M = F d$
5	pressure = $\frac{\text{force normal to a surface}}{\text{area of that surface}}$	$p = \frac{F}{A}$
6	distance travelled = speed \times time	$s = v t$
7	acceleration = $\frac{\text{change in velocity}}{\text{time taken}}$	$a = \frac{\Delta v}{t}$
8	resultant force = mass \times acceleration	$F = m a$
9 HT	momentum = mass \times velocity	$p = m v$
10	kinetic energy = $0.5 \times \text{mass} \times (\text{speed})^2$	$E_k = \frac{1}{2} m v^2$
11	gravitational potential energy = mass \times gravitational field strength (g) \times height	$E_p = m g h$
12	power = $\frac{\text{energy transferred}}{\text{time}}$	$P = \frac{E}{t}$
13	power = $\frac{\text{work done}}{\text{time}}$	$P = \frac{W}{t}$
14	efficiency = $\frac{\text{useful output energy transfer}}{\text{total input energy transfer}}$	
15	efficiency = $\frac{\text{useful power output}}{\text{total power input}}$	
16	wave speed = frequency \times wavelength	$v = f \lambda$
17	charge flow = current \times time	$Q = I t$
18	potential difference = current \times resistance	$V = I R$
19	power = potential difference \times current	$P = V I$
20	power = (current) $^2 \times$ resistance	$P = I^2 R$
21	energy transferred = power \times time	$E = P t$
22	energy transferred = charge flow \times potential difference	$E = Q V$
23	density = $\frac{\text{mass}}{\text{volume}}$	$\rho = \frac{m}{V}$

The following equations will be given to you on a sheet but you must be able to apply them

Students should be able to select and apply the following equations from the *Physics equation sheet*.

Equations required for Higher Tier papers only are indicated by HT in the left hand column.

Equation number	Word equation	Symbol equation
1 HT	pressure due to a column of liquid = height of column \times density of liquid \times gravitational field strength (g)	$p = h \rho g$
2	(final velocity) 2 – (initial velocity) 2 = $2 \times$ acceleration \times distance	$v^2 - u^2 = 2 a s$
3 HT	force = $\frac{\text{change in momentum}}{\text{time taken}}$	$F = \frac{m \Delta v}{\Delta t}$
4	elastic potential energy = $0.5 \times$ spring constant \times (extension) 2	$E_e = \frac{1}{2} k e^2$
5	change in thermal energy = mass \times specific heat capacity \times temperature change	$\Delta E = m c \Delta \theta$
6	period = $\frac{1}{\text{frequency}}$	
7	magnification = $\frac{\text{image height}}{\text{object height}}$	
8 HT	force on a conductor (at right angles to a magnetic field) carrying a current = magnetic flux density \times current \times length	$F = B I l$
9	thermal energy for a change of state = mass \times specific latent heat	$E = m L$
10 HT	$\frac{\text{potential difference across primary coil}}{\text{potential difference across secondary coil}} = \frac{\text{number of turns in primary coil}}{\text{number of turns in secondary coil}}$	$\frac{V_p}{V_s} = \frac{n_p}{n_s}$
11 HT	potential difference across primary coil \times current in primary coil = potential difference across secondary coil \times current in secondary coil	$V_s I_s = V_p I_p$
12	For gases: pressure \times volume = constant	$p V = \text{constant}$

Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
1	Learn the definitions of different types of data, Qualitative, Discrete and Quantitative, Discrete and Continuous. Write an example of each	Copy any grouped frequency table you find in a past paper. Write down the formula shown on the formula sheet that you use to estimate the mean. Add two columns and use them to estimate the mean	Investigate these charts or diagrams: Time Series Chart; Composite Percentage Bar Chart; Population Pyramid. Copy an example of each. Use the internet or a revision guide	Organise your folder so that you know what is in it and where to find it. You should have at least 4 marked past papers in your folder to refer to in future	Use past paper and refer to emailed answers
2	Revise the following sampling methods: Quota, Cluster, Random and Systematic. Write down how each is performed using a revision guide or MyMaths	Revise how to calculate an outlier using the UQ, LQ and IQR of a distribution. Copy an example from your folder and annotate the steps. Draw a sketch of a box plot with positive skew and a large outlier. Sketch a boxplot with negative skew and a small outlier	Write the first 5 rows of Pascal's Triangle and include the powers of p and q required to calculate a probability using the BINOMIAL DISTRIBUTION. Invent an example for four different cells E.g. "4 packs of cards. What is the probability of getting 3 or more clubs"	Organise your Statistics ICT folder. There are many activities that are worth reviewing	Use past paper and refer to emailed answers
3	Write a description or a definition of each of the following: census, sampling frame, pilot survey, leading question and closed question	Write down: "Pie Charts show proportions not amounts". Write down the steps required to create a pair of comparative pie charts. MyMaths, a revision guide or ICT work you did in Year 10 will support this	Copy any grouped frequency table you find in a past paper. Add two columns, label them and create a histogram to represent the data. Can you estimate the MEDIAN?	Find four questions in any marked examination paper which you could now upgrade. Show your corrections	Review past papers. Where could improve? What topics still require revision?
4	Recap and learn facts from week 1 Tasks A - C	Use MyMaths to revise "BASE INDEX NUMBERS" and "CHAIN BASE INDEX NUMBERS". Write down the difference between the two and keep screenshots of the completed activities	Copy the data for a SRCC calculation from an example in your folder, one of the spreadsheet activities from Year 10 or a past paper and write down the formula. Try to remember all the steps to calculating the result. Your answer should be between -1 and 1	Copy any grouped frequency table you find in a past paper. Add three columns and estimate the VARIANCE and STANDARD DEVIATION. Write down the formula from the formula sheet that you used to estimate STANDARD DEVIATION	Use past paper and refer to emailed answers
5	Recap and learn facts from week 2 Tasks A - C	Recap and learn facts from week 3 Tasks A - D	Write down the formula for calculating a standardised score. Write down the meaning of a negative standardised score and a positive standardised score. Investigate and write down the uses of a standardised score. Use a revision guide or MyMaths.	Find four questions in any marked examination paper which you could now upgrade. Show your corrections	Use past paper and refer to emailed answers
6	Recap and learn facts from week 4 Tasks B - D	Recap and learn facts from week 1 Tasks B - D	Recap and learn facts from week 5 Tasks B - D	Review your PPE and Mock Exams. Where are improvements still to be made? Where are the improvements that you have already made?	Review past papers. Where could improve? What topics still require revision?

History paper 1

Remember to learn with a focus on what you will need in assessment .i.e. **Crime & punishment main course a 4 mark question about a similarity or difference; 12 mark question where you will need 3 reasons why something happened / was changed etc; a 16 mark question about how much something changed over time or which factors were involved in a change. Whitechapel 4 mark describe two key features of something; knowing key points of the topic for the 8 mark explain the usefulness of two sources question; knowing types of sources from that time & what they would show you so you can answer the 'how could you follow up..' 4 mark question**

Week	Task A input/output	Input Task B	Input Task C	Input Task D	Input Task E	Testing & application
1	P1:memorise names & dates of time periods for Crime & Punishment	Paper 1 Read BIG PICTURE of topic c1000 to c.1500	P1:Watch GCSE pod Crime & punishment 'Crime in medieval Britain'	P1:Crimes in AS England	P1: 'New' crimes in Norman England	P1:EXAM FOCUS: do a 4 mark question explaining one way in which crime, punishment or law enforcement was similar OR different at different times
2	P1:Crimes in late middle ages	P1:Watch GCSE pod Crime & punishment 'law enforcement & punishment in AS England'	P1: Punishments in AS England	P1:Law enforcement in AS England	P1:Punishments in Norman England	P1:EXAM FOCUS: do (or at least plan) a 12 mark explain why question focused on reasons for a change.
3	Test with flashcards or skeleton mindmaps content weeks 1-3	P1:Law enforcement in Norman England	P1:Watch GCSE pod Crime & punishment 'law enforcement & punishment in Norman England'	P1:Influence of the Church on Crime in the late middle ages	P1:Watch GCSE pod Crime & punishment 'influence of the Church'	P1:EXAM FOCUS: do a 4 mark question explaining one way in which crime, punishment or law enforcement was similar OR different at different times
4	P1: Henry II's changes to the law	P1:Law enforcement in late middle ages	P1:Punishments in late middle ages	P1:Watch GCSE pod Crime & punishment 'law enforcement & punishment in later medieval England'	P1:Read BIG PICTURE of topic Early Modern period. Then learn 'New' crimes in early modern England including the Tudors & Heresy	Test with flashcards or skeleton mindmaps content weeks 1-4
5	P1:Watch GCSE pod Crime & punishment 'heresy & treason'	P1:Watch GCSE pods Crime & punishment - 'Crime in the Early Modern period' AND 'Vagrancy' (two	P1:Law enforcement in early modern England	P1:Punishment in early modern England	P1:Watch GCSE pods Crime & punishment - 'law enforcement in the early modern period' AND 'punishments in the Early modern period' (two)	P1:EXAM FOCUS: do a 12 mark explain why question focused on reasons for a change
6	P1:Why were the Gunpowder plotters treated so harshly & what were the longer term consequences of their plot?	P1:Watch GCSE pod Crime & punishment 'Gunpowder plot of 1605'	P1:Witchcraft 1542 to 1736	P1:Watch GCSE pods Crime & punishment 'Witchcraft' AND 'Matthew Hopkins & the witchhunts' (two	P1:Transportation, 18th C prisons & prison reformers	Test with flashcards or skeleton mindmaps content weeks 1-6

7	P1:Read BIG PICTURE c1700-1900. Then learn Crimes against the person & property c1700-c1900	P1:Watch GCSE pod Crime & punishment 'Crime in Industrial Britain' AND 'poaching & smuggling' AND 'Highway Robbery' (three)	P1:Crimes against authority c1700 to c.1900	P1:Watch GCSE pod Crime & punishment 'Changing views on the purpose of punishment'	P1:The Bloody Code	P1:EXAM FOCUS: do a 12 mark explain why question focused on reasons for a change.
8	Test with flashcards or skeleton mindmaps content weeks 1-8	P1:Law enforcement c1700-c1900	P1:Watch GCSE pod Crime & punishment 'Early policing' AND 'Robert Peel and the Met.' (two)	P1:Pentonville Prison - the separate system & the later hard board, hard fare etc	P1:Watch GCSE pod Crime & punishment 'Prison' AND 'Pentonville in the mid 19th C'	P1:EXAM FOCUS: Choose a suitable 16 mark judgement question
9	P1:The work of Robert Peel	P1:READ BIG PICTURE Modern Britain. Then learn - new ways of committing old crimes in modern Britain	P1:Watch GCSE pod Crime & punishment 'modern crimes'	P1:New Crimes in modern Britain	P1:Law enforcement in modern Britain	EXAM FOCUS: do a 12 mark explain why question focused on reasons for a change or an issue.
10	Test with flashcards or skeleton mindmaps content weeks 1-10	P1:Watch GCSE pod Crime & punishment 'the police force today'	P1:Punishment in modern Britain	P1:Watch GCSE pod Crime & punishment 'the nature of punishment'	P1:Conscientious objectors WW1 and WW2	P1:Watch GCSE pod Crime & punishment 'the treatment of conscientious objectors'
11	P1:EXAM FOCUS: Choose a suitable 16 mark judgement question	P1:Derek Bentley and the end of the death penalty	P1:Watch GCSE pod Crime & punishment 'Derek Bentley Case'	P1: READ BIG PICTURE Whitechapel 1870-1900. Then learn Whitechapel & the metropolitan police	P1:Watch GCSE pod Crime & punishment Whitechapel 'Structure of 19th c policing of Whitechapel'	P1: EXAM FOCUS: Choose a suitable Whitechapel Source inference question
12	Test with flashcards or skeleton mindmaps content weeks 1-12	P1:living & working in Whitechapel	P1:Watch GCSE pod Crime & punishment Whitechapel 'Whitechapel context'	P1:Tensions in Whitechapel	P1:Watch GCSE pod Crime & punishment Whitechapel 'immigration & the effect on the community'	P1:EXAM FOCUS: Choose a suitable Whitechapel Sources question
13	P1: The problems of H division and policing Whitechapel	P1:Watch GCSE pod Crime & punishment Whitechapel 'difficulties faced by police in the community'	P1:Police techniques during the Whitechapel murders	P1:Watch GCSE pod Crime & punishment Whitechapel 'development of policing methods'	Learn types of sources for each Whitechapel topic and be clear what information you could get from them	Test with flashcards or skeleton mindmaps content weeks 1-13

History paper 2ASN

Week	Task A input/output	Input Task B	Input Task C	Input Task D	Input Task E	Testing & application
1	P2 ASN :Read THE BIG PICTURE - AS & Norman England	P2 ASN: Ruling AS England. The King, the earls & local government	P2 ASN:Watch GCSE pod ASN 'The monarchy and the government'	P2 ASN: The social system	P2 ASN:Watch GCSE pod ASN 'AS Society'	P2 ASN:EXAM FOCUS: do at least one 4 mark key features question.
2	P2 ASN: The power of the Godwins	P2 ASN:Watch GCSE pod ASN 'House of Godwin'	P2 ASN: King Edward, Harold's embassy to Normandy	P2 ASN:Watch GCSE pod ASN 'The influence of the Church'	P2 ASN: The uprising against Tostig	P2 ASN:EXAM FOCUS: do at least one 4 mark key features question.
3	Test with flashcards or skeleton mindmaps content weeks 1-2	P2 ASN: Claimants to the throne and reasons for rivalry	P2 ASN:Watch GCSE pod ASN 'Rival claimants for the throne of England'	P2 ASN: Battles of Gate Fulford & Stamford Bridge	P2 ASN:Watch GCSE pod ASN 'The Battle of Stamford Bridge'	P2 ASN :EXAM FOCUS: do a 12 mark explain why question.
4	P2 ASN: Battle of Hastings	P2 ASN:Watch GCSE pod ASN 'Reasons for William's victory'	P2 ASN: Establishing control - submission of the Earls and the Marcher Earldoms	P2 ASN: Establishing control - castles & the Feudal System	P2 ASN:Watch GCSE pod ASN 'securing control' AND 'Feudal Society'	Test with flashcards or skeleton mindmaps content weeks 1-4
5	P2 ASN:Watch GCSE pod ASN 'Revolt & Rebellion Anglo-Saxon resistance'	P2 ASN: Harrying of the North	P2 ASN:Watch GCSE pod ASN 'impact of resistance'	P2 ASN: Landownership	P2 ASN:Maintaining Royal Power	P2 ASN EXAM FOCUS: do a 12 mark explain why.
6	P2 ASN: The Revolt of the Earls 1075	P2 ASN:Watch GCSE pod ASN 'The Revolt of the Earls'	P2 ASN: The Church	P2 ASN:Watch GCSE pod ASN 'Norman Church and monasteries'	P2 ASN:extent of change in society & change to government	P2 ASN:EXAM FOCUS: Choose a suitable 16 mark judgement question
7	Test with flashcards or skeleton mindmaps content weeks 1-6	P2 ASN:Watch GCSE pod ASN 'Power of the monarchy & regents'	P2 ASN:the sheriff and the forest	P2 ASN: The Domesday Book	P2 ASN:Watch GCSE pod ASN 'The Domesday Book'	P2 ASN:EXAM FOCUS: do a 12 mark explain why question .
8	Test with flashcards or skeleton mindmaps content weeks 1-7	P2 ASN: Norman Aristocracy	P2 ASN:Watch GCSE pod ASN 'Aristocracy & Society' AND 'Social and economic changes'.	P2 ASN: William's character. Bishop Odo	P2 ASN: Robert Curthose in Revolt	P2 ASN:EXAM FOCUS: do at least one 4 mark key features question.
9	P2 ASN:Watch GCSE pod ASN 'Robert & Revolt in Normandy'	P2 ASN: William's death & succession (Robert & Odo)	P2 ASN:Watch GCSE pod ASN 'King William's death and the succession'	Test with flashcards or skeleton mindmaps content weeks 1-9	Read THE BIG PICTURE again aiming to recall detail as you do so	P2 ASN:EXAM FOCUS: Choose a suitable 16 mark judgement question

History Paper 2 Cold War

Remember to learn with an assessment focus. In this exam you will have an 8 mark question which asks about consequences of something and another two which ask about their importance. In many ways these are similar as they are both focused on what followed so learn what did follow and also how important those consequences were. The other 8 mark question is the narrative analysis question which requires you to know the steps and effect of events

Week	Task A input/output	Input Task B	Input Task C	Input Task D	Input Task E	Testing & application
1	P2 CW: Learn the order&main outcomes of the Yalta, Tehran &Postdam conferences	P2 CW: What was the impact of Roosevelt's death&Churchill's replacement on the Grand Alliance	Watch GCSE Pod Origins of the Cold War 'Yalta and Potsdam Conferences'	P2 CW: The breakdown of trust - ideology and the two telegrams	Watch GCSE Pod Origins of the Cold War 'Ideological differences'	P2 CW: Answer an 8 mark 'explain two consequences question' on a topic so far
2	P2 CW: Learn how Eastern Europe became Satellite states of the USSR & the impact on superpower relation	Watch GCSE Pod Origins of the Cold War 'Iron Curtain'	P2 CW: What was the Truman Doctrine & the Marshall Plan & what were the consequences of them	Watch GCSE Pod Origins of the Cold War 'Truman Doctrine & Marshall Plan'	What were Cominform, Comecon and NATO. What were the consequences of their establishment?	Test recall of weeks 1 and 2 focusing on consequences and importance
3	Watch GCSE Pod Origins of the Cold War 'NATO'	P2 CW: the issue of Berlin and the Berlin Blockade 1948-49. What happened & what were the consequences?	Watch GCSE Pod Origins of the Cold War 'Berlin Blockade'	P2 CW: The Arms Race and the Warsaw Pact. Key events and consequences/ importance	Watch GCSE Pod Origins of the Cold War 'The Arms Race' AND 'The Warsaw Pact'	Choose any two Cold War essay questions on topics so far & bullet point your answers.
4	Test recall of weeks 1 to 3 focusing on consequences and importance.	P2 CW: Hungary - events of the uprising & Soviet invasion & the consequences & importance.	Watch GCSE Pod Origins of the Cold War 'Hungary'	P2 CW: The Berlin Crisis 1958-1961 - including building the Wall. Main events inc. summit meetings &consequences such as Kennedys visit & speech etc.	Watch GCSE Pod Cold War Crises 'The Berlin Wall'	P2 CW: Answer an 8 mark 'narrative analysis question' on any topic revised so far
5	Watch GCSE Pod Cold War Crises 'The Cuban Missile Crisis'	P2 CW: Origins of Cuban Missile Crisis - including Bay of Pigs - key events & consequences	P2 CW: Cuban Missile Crisis - key events & consequences	P2 CW: Czechoslovakia - Prague Spring - reform &reaction. Key events & the consequences & importance inc. Brezhnev Doctrine.	Watch GCSE Pod Cold War Crises 'Czechoslovakia 1968'	Test recall of weeks 1 to 5 focusing on sequencing key points of events & consequences and importance
6	Review impact on international and superpower relations of the Berlin Crisis; Cuban Missile crisis; Prague Spring	Watch GCSE Pod End of the Cold War 'Detente' AND 'SALT'	P2 CW: Détente inc SALT 1 & the Helsinki Accord. What were the consequences & their importance?	P2 CW: Salt 2 and its failure.	P2 CW; The invasion of Afghanistan - key events and consequences	Choose any two Cold War essay questions on topics so far & bullet point your answers.
7	Test recall of weeks 1 to 6 focusing on sequencing key points of events & consequences and importance.	Watch GCSE Pod End of the Cold War 'The Russian invasion of Afghanistan'	P2 CW: Reagan & Gorbachev - changing attitudes. What was the equence of events in change; what was the importance of change?	Watch GCSE Pod End of the Cold War 'Reagan & changing attitudes' AND 'Gorbachev and changing attiutudes'	P2 CW Gorbachev's reforms and loosening Soviet control in Eastern Europe.	P2 CW: Answer an 8 mark 'narrative analysis question' on any topic revised so far
8	Watch GCSE Pod End of the Cold War 'the fall of communism in Eastern Europe'	P2 CW: The events of the fall of the Berlin Wall; its importance and consequences	P2 CW: The fall of the Soviet Union. Key events and significance	Watch GCSE Pod End of the Cold War 'the collapse of the Soviet Union'	Test recall of weeks 1 to 8 focusing on sequencing key points of events & consequences &importance.	Choose any two Cold War essay questions on topics so far & bullet point your answers

History Paper 3 Germany

Learn with the Assessment Focus in mind. Many of your questions on this paper are about Sources or Interpretations and require you to know the topic in overview so you can understand them and pick up on inferences, differences of interpretation etc. You will also have a 12 mark 'why' question so learn 3 reasons for events / support/ opposition etc. This approach will also help you with the final 16 mark question where you will be asked how far you agree with an interpretation and will need to include your own knowledge as part of your argument.

Week	Task A input/output	Input Task B	Input Task C	Input Task D	Input Task E	Testing & application
1	P3 Learn names & roles of key people in Weimar Germany	Read the BIG PICTURE Weimar Germany	Watch GCSE POD Weimar & Nazi Germany. Weimar 'Immediate impact of WW1 on Germany'	P3 What was the impact of WW1 and why did Germany become a republic? Signing the armistice	P3 Strengths & weaknesses of the Weimar constitution	Test your recall of key people
2	Watch GCSE POD Weimar & Nazi Germany. Weimar 'the nature of the Weimar Republic'	Watch GCSE POD Weimar & Nazi Germany. Weimar 'the Treaty of Versailles and its effect on Germany'	P3 WHY (learn at least 3 reasons) was the Republic unpopular?	Watch GCSE POD Weimar & Nazi Germany. Weimar 'Challenges from left and right'	P3 The Spartacist Uprising and the Kapp Putsch.	Do a source inference question based on a topic so far
3	P3 Why was there an economic crisis in 1923? Be clear on Ruhr invasion & hyperinflation & its effects	Watch GCSE POD Weimar & Nazi Germany. Weimar 'Occupation of the Ruhr'	P3 WHY was there economic recovery 1923-2?	P3 Stresemann's foreign policy successes and their effects	Watch GCSE POD Weimar & Nazi Germany. Weimar 'The Stresemann era'	Test recall of learning weeks 1-3
4	Watch GCSE POD Weimar & Nazi Germany Weimar 'Life in Germany under the Weimar Republic'	P3 what changes were there for women and ordinary people?	P3 What cultural changes were there?	Watch GCSE POD Weimar & Nazi Germany. Hitler's Rise 'The Founding of the Nazi party'	P3 Read the BIG PICTURE Nazi Germany. Then review Hitler & the early growth of the party.	Plan 2 x 12 mark questions on topics so far. Write at least a paragraph of one of them.
5	Test recall of learning weeks 1-4	Watch GCSE POD Weimar & Nazi Germany. Hitler's Rise 'The Munich Putsch'	P3 Why did the Nazis attempt a Putsch in 1923? What were the consequences? The lean years	Watch GCSE POD Weimar & Nazi Germany. Hitler's Rise 'The Lean years' AND 'Nazi aims and tactics'	P3 How & why did the Nazis gain support?	Answer a suitable interpretations question and an inference question
6	Watch GCSE POD Weimar & Nazi Germany. Hitler's Rise 'The Great Depression and its effects'	Watch GCSE POD Weimar & Nazi Germany. Hitler's Rise 'growth in support'	P3 Why was Hitler able to become Chancellor in 1933?	Watch GCSE POD Weimar & Nazi Germany. Hitler's Rise 'Hitler as Chancellor'	P3 The Reichstag Fire and the Enabling Act	Test recall of learning weeks 1-6
7	Watch GCSE POD Weimar & Nazi Germany. Hitler's Rise 'Reichstag Fire' AND 'Enabling Act'	P3 Why was Hitler able to declare himself Fuhrer in 1934?	Watch GCSE POD Weimar & Nazi Germany. Hitler's Rise 'Elimination of opposition' AND 'night of the Long knives' AND 'Death of Hindenburg'	P3 A Police State	P3 Propaganda & censorship	Test your recall of the ways in which the Nazis controlled Germany

History Paper 3 Germany

Week	Task A input/output	Input Task B	Input Task C	Input Task D	Input Task E	Testing & application
8	Watch GCSE POD Weimar & Nazi Germany. Hitler's Rise 'The Police State' AND 'Propaganda'	P3 The Church including Nazi policies towards them and opposition to the Nazis from within the Church	Watch GCSE POD Weimar & Nazi Germany. Hitler's Rise 'religion'	P3 Youth opposition to the Nazis	Watch GCSE POD Weimar & Nazi Germany. Hitler's Rise 'Opposition, Resistance and Conformity'	Choose either one high tariff exam question or complete a few low tariff ones on recent topics.
9	Test your recall of learning of weeks 1 to 8	P3 Women in Nazi Germany	Watch GCSE POD Weimar & Nazi Germany. Life in Nazi Germany 'Women'	P3 Youth organisations in Nazi Germany Why did Hitler force young people to join these groups?	P3 Education in Nazi Germany. Why did the Nazis control education?	Choose, plan and answer a 16 mark question.
10	Watch GCSE POD Weimar & Nazi Germany. Life in Nazi Germany 'Youth Movements' AND 'Education'	P3 Unemployment and Living Standards	Watch GCSE POD Weimar & Nazi Germany. Life in Nazi Germany 'unemployment & Living standards' AND 'rearmament & conscription'	P3 Racial beliefs and policies, Persecution of 'untermenchen' and 'undesirables'	Watch GCSE POD Weimar & Nazi Germany. Life in Nazi Germany 'the persecution of minorities'	Test your recall of learning of weeks 1 to 10
11	P3 persecution of Jewish people 1933-34	P3 persecution of Jewish people - Nuremberg Laws and Kristallnacht	Watch GCSE POD Weimar & Nazi Germany. Life in Nazi Germany 'Kristallnacht'	Test your recall of learning of weeks 1 to 11	If you have time you could watch 'The Rise of Evil' on Youtube	Select exam questions to plan AND write

Geography

	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
1	UK landscapes - Page 25	Processes - weathering/erosion/ transportation/ deposition - Pages 26-27	Coasts - landforms and case study (Overstrand) Pages 28-29	Rivers - landforms and case study (Tees) - Pages 33-35	Distinctive landscapes - Either revision summary or exam practice workbook
2	Measuring development - Page 62	Uneven development and factors affecting development - Pages 63-64	Increasing development - Stages and goals/aid/trade and TNCs - Pages 66-68	LIDC case study - Zambia	Dynamic development - Either revision summary or exam practice workbook
3	Evidence for climate change - Page 19	Causes of climate change - Pages 20-21	Global effects of climate change - Page 22	Effects of climate change on the UK - Page 23	Changing climate - Either revision summary or exam practice workbook
4	Urban growth and urbanisation in LIDCs - Pages 52-53	Suburbanisation/ Counter-urbanisation/ Re-urbanisation - Pages 54-56	Case study - London - Pages 57-58	Case Study - Lagos or Rio De Janeiro	Urban futures - Either revision summary or exam practice workbook
5	Ecosystems and global ecosystems - Pages 40-41	Tropical rainforests - human impacts on tropical rainforests - Pages 44-46	Polar environments and human impacts on polar environments - Pages 48-49	Case Studies TRF and Arctic	Sustaining ecosystems - Either revision summary or exam practice workbook
6	Characteristics of the UK and UK's changing population - Pages 74-76	Ageing population in the UK and the UK's changing economy - Pages 77-78	UK economic hubs and the UK's place in the World - Pages 79-81	UK media exports and Multicultural UK - Pages 82-83	UK in the 21st century - Either revision summary or exam practice workbook

Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
1	https://www.bbc.co.uk/education/topics/z6bw2hv	Do practice questions from the kerboodle folder on the shared area.	Do practice questions from Dynamic Learning on the shared area.	Learn 5 quotes from quote sheet and explain why each one is relevant.	Create spider diagram / Make flashcards and then test yourself
2	https://quizlet.com/77948989/rs-edexcel-gcse-islam-key-words-flash-cards/	Do practice questions from the workbook.	Do practice questions from Activities sheet	Choose an activity from the zigzag folder on the shared area.	Create spider diagram / Make flashcards and then test yourself
3	https://www.bbc.co.uk/education/topics/z6bw2hv	Do practice questions from the kerboodle folder on the shared area.	Do practice questions from Dynamic Learning on the shared area.	Learn 5 quotes from quote sheet and explain why each one is relevant.	Create spider diagram / Make flashcards and then test yourself
4	https://www.bbc.co.uk/education/topics/z6bw2hv	Do practice questions from workbook	Do practice questions from Activities sheet	Choose an activity from the zigzag folder on the shared area.	Create spider diagram / Make flashcards and then test yourself
5	https://quizlet.com/9786608/gcse-rs-christianity-key-words-edexcel-flash-cards/	Do practice questions from the kerboodle folder on the shared area.	Do practice questions from Dynamic Learning on the shared area.	Learn 5 quotes from quote sheet and explain why each one is relevant.	Create spider diagram / Make flashcards and then test yourself
6	https://quizlet.com/9786608/gcse-rs-christianity-key-words-edexcel-flash-cards/	Do practice questions from the workbook.	Do practice questions from Activities sheet	Choose an activity from the zigzag folder on the shared area.	Create spider diagram / Make flashcards and then test yourself
7	https://www.bbc.co.uk/education/topics/z6bw2hv	Do practice questions from the kerboodle folder on the shared area.	Do practice questions from Dynamic Learning on the shared area.	Learn 5 quotes from quote sheet and explain why each one is relevant.	Create spider diagram / Make flashcards and then test yourself
8	https://quizlet.com/9786608/gcse-rs-christianity-key-words-edexcel-flash-cards/	Do practice questions from the workbook.	Do practice questions from Activities sheet	Choose an activity from the zigzag folder on the shared area.	Create spider diagram / Make flashcards and then test yourself
9	https://www.bbc.co.uk/education/topics/zdprkqt	Do practice questions from the kerboodle folder on the shared area.	Do practice questions from Dynamic Learning on the shared area.	Learn 5 quotes from quote sheet and explain why each one is relevant.	Create spider diagram / Make flashcards and then test yourself
10	http://www.cram.com/flashcards/gcse-religious-studies-key-words-1295909	Do practice questions from workbook	Do practice questions from activities sheet	Choose an activity from the zigzag folder on the shared area.	Create spider diagram / Make flashcards and then test yourself
11	https://www.bbc.co.uk/education/topics/zdprkqt	Do practice questions from the kerboodle folder on the shared area.	Do practice questions from Dynamic Learning on the shared area.	Learn 5 quotes from quote sheet and explain why each one is relevant	Create spider diagram / Make flashcards and then test yourself.
12	http://www.cram.com/flashcards/gcse-religious-studies-key-words-1295909	Do practice questions from workbook	Do practice questions from activities sheet	Choose an activity from the zigzag folder on the shared area.	Create spider diagram / Make flashcards and then test yourself.

French

Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (25 mins)	Task E (25 mins)
1	Mindmap (T1: Describe Family & Friends, Views on marriage)	Mindmap (T2: Free Time, Technology, Describe birthdays & Xmas, What you eat?)	Conversation Questions (T1)	Conversation Questions (T2)	Role Play & Photo Based Descriptions (T1 & T2)
2	Mindmap (T3: House, Town, Region & possible activities)	Mindmap (T4: Charity Work, Environment, Health Living: smoking, food, exercise)	Conversation Questions (T3)	Conversation Questions (T4)	Role Play & Photo Based Descriptions (T3 & T4)
3	Mindmap (T5: Holidays: past, future. Ideal and usual)	Mindmap (T6: School, Future Plans & Jobs)	Conversation Questions (T5)	Conversation Questions (T6)	Role Play & Photo Based Descriptions (T5 & T6)
4	Recap week 1 C-D	Recap week 1 E	Listening & Reading (T1)	Listening & Reading (T2)	Revise how to form a question & question words. Make and learn a list of 10 multi-purpose complex expressions.
5	Recap week 3 C-D	Recap week 2 E	Listening & Reading (T3)	Listening & Reading (T4)	Recap week 4 A-B
6	Recap week 2 C-D	Recap week 3 E	Listening & Reading (T5)	Listening & Reading (T6)	Recap week 5 A-B
Speaking Exam					
7	Revise regular present tense	Revise: aller, avoir, etre & faire	Revise time expressions & linking words	Mindmap key vocab from T1	Mindmap key vocab from T2
8	Recap week 7 A-E	Mindmap Key vocab T3	Mindmap key vocab from T5	Revise perfect tense	Revise imperfect tense
9	Recap week 8 A-E	Revise weather, dates & numbers	Mindmap key vocab from T4	Mindmap key vocab from T6	Revise future & conditional
10	Recap week 9 A-E	Recap week 7 A-B	Translation into French	Listening Skills	Reading Skills
11	Recap week 8 D-E	Translation into English	Reading Skills	Listening Skills	Plan 90 word question

Spanish

Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (25 mins)	Task E (25 mins)
1	Mindmap (T1: Describe Family & Friends, Views on marriage)	Mindmap (T2: Free Time, Technology, Describe birthdays & Xmas, What you eat?)	Conversation Questions (T1)	Conversation Questions (T2)	Role Play & Photo Based Descriptions (T1 & T2)
2	Mindmap (T3: House, Town, Region & possible activities)	Mindmap (T4: Charity Work, Environment, Health Living: smoking, food, exercise)	Conversation Questions (T3)	Conversation Questions (T4)	Role Play & Photo Based Descriptions (T3 & T4)
3	Mindmap (T5: Holidays: past, future. Ideal and usual)	Mindmap (T6: School, Future Plans & Jobs)	Conversation Questions (T5)	Conversation Questions (T6)	Role Play & Photo Based Descriptions (T5 & T6)
4	Recap week 1 C-D	Recap week 1 E	Listening & Reading (T1)	Listening & Reading (T2)	Revise how to form a question & question words. Make and learn a list of 10 multi-purpose complex expressions.
5	Recap week 3 C-D	Recap week 2 E	Listening & Reading (T3)	Listening & Reading (T4)	Recap week 4 A-B
6	Recap week 2 C-D	Recap week 3 E	Listening & Reading (T5)	Listening & Reading (T6)	Recap week 5 A-B
Speaking Exam					
7	Revise regular present tense	Revise irregular present tense - revise subjunctive	Revise time expressions & linking words	Mindmap key vocab from T1	Mindmap key vocab from T2
8	Recap week 7 A-E	Mindmap Key vocab T3	Mindmap key vocab from T5	Revise perfect tense	Revise imperfect tense
9	Recap week 8 A-E	Revise weather, dates & numbers	Mindmap key vocab from T4	Mindmap key vocab from T6	Revise future & conditional
10	Recap week 9 A-E	Recap week 7 A-B	Translation into Spanish	Listening Skills	Reading Skills
11	Recap week 8 D-E	Translation into English	Reading Skills	Listening Skills	Plan 90 word question

Computing

Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
1	Make a definition poster or revision cards with all the theory definitions for data on. (google - need to know edexcel maths formulae)	Practice Binary and Hex conversion	Learn how ASCII and Unicode are used	Learn how data is stored and how compression is used and why	Practice adding and subtracting binary numbers
2	Practise using a Huffman Tree	Learn difference between types of Hardware and Software with examples	Practise Logic Gates and Truth Tables	Explain what the CPU does	Explain how the Fetch execute cycles works
3	Identify the different types of memory and storage	Learn the pros and cons of different types of storage	Learn the different types of network	Identify the different network protocols and what they do	Give examples of how to keep a network safe
4	Identify the threats to cyber security	Give examples of how to protect your computer.	Learn the ethical and legal problems of computing	Identify the environmental issues of computing and examples of how they can be solved	Identify real life examples for A-D
5	Make a definition poster or revision cards with all the main programming commands on. Eg variable, for loop etc (google - need to know edexcel maths formulae)	Practise assigning variables with user input or random	Learn the difference between a for and while loop	Create a 2d and 3d array	Loop through the array looking for something
6	Identify the areas of computational thinking	Write an example ie planning a route	Practise flowcharts	Practise pseudocode	Write pseudocode for a program you have
7	Practise string handling	Practise file handling	Practise functions and passing parameters	Practise validation using true/false	Combine a program using A-D

ICT

Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
1	Keyword revision	Go through the revision checklists to highlight areas to revise	Watch and make notes on revision videos	Make revision cards for the technology update	Complete exam practice questions
2	Choose a 6 mark question to answer	Keyword revision	Create a mindmap about entertainment systems-gaming consoles,digital TV, digital cameras	Ask someone to test you on the technology update	Complete exam practice questions 2
3	Watch Click http://www.bbc.co.uk/programmes/b006m9ry	Go through the revision checklists to highlight areas to revise	Keyword revision	Use teach-ict.com and make notes on organisations and ICT http://www.teach-ict.com/gcse_new/gcse_ict_home.html	Complete the unit 1 revision mindmaps
4	Choose a 6 mark question to answer	Complete the gap fill-ICT and work	Create a revision resource for the Data Protection Act, Computer Misuse Act and the Copyright Act	Keyword revision	Complete exam practice questions 3
5	Watch Click http://www.bbc.co.uk/programmes/b006m9ry	Complete the networks-correct the answer	Create a mindmap about blogs, vlogs, social networking and apps	Complete the keywords definitions	Answer 2015 exam paper and check answers using examiners' report
6	Choose a 6 mark question to answer	Create a question and model answer for a 6 mark question about health and safety	Find out about the latest research on the benefits of children using ICT	Use teach-ict.com and make notes on the environmental and ethical issues of ICT http://www.teach-ict.com/gcse_new/gcse_ict_home.html	Answer 2016 exam paper and check answers using examiners' report

Business Studies

Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
1	Learn what a dynamic business is and give three examples of real dynamic businesses	Learn the reasons why a business is dynamic	Analyse why it is important for a firm to be dynamic?	Learn what the main risks and rewards are of running a business	Learn what the main role and attributes of anEntrepreneur are.
2	Identify what the main needs of a customer are?	Differentiate between primary and secondary market research and give examples of how they are undertaken.	Analyse the advantages and problems in using market research data for a business when developing new products?	Learn what quantitative and qualitative data is and how businesses use it	Analyse the benefits and problems of a business using qualitative and quantitative data?
3	Identify what a market segment is and list how firms segment a market?	Consider McDonalds as an example - outline how McDonalds segment their market?	Analyse what benefits and problems market segmentation provides for the business	Learn what a competitive market is and give examples of competitive and uncompetitive markets?	Consider how a firm competes in a competitive market and how this affects the decision making of a business?
4	Learn the difference between a business aim and a business objective. Find out what SMART targets mean?	List as many financial aims as you can	List as many non-financial aims as you can	Learn the aims - read cover - write - check	Find examples of companies that have failed to meet their aims either financial or non-financial?
5	Learn the different costs and revenues that a business faces.	Learn the break even chart and how to read information from it.	Explain the benefits and problems for a business of using break even analysis	Identify what the main internal and external sources of finance are	Identify the benefits and problems associated with using these to fund a business.
6	Learn the terms associated with cash flow?	Practise cash flow statements	List three factors which could help a firm to improve its cash flow	Learn what the difference is between cash flow and profit	Explain what problems using a cash flow statement can cause a firm?
7	Find out what limited liability, unlimited liability and a certificate of incorporation are?	List and learn all types of privately owned firms	List and Learn all types of publicly owned firms	Learn how a franchise works and is able to expand quickly. Know what a Franchisee & Franchisor are	Learn what the advantages and problems of each type of ownership are.
8	Learn what factors influence a firm when deciding where to locate their business operations.	Explain what the impact of the internet is on the activity of firms in the UK today?	List as many external factors as you can that influence the activity of a business	Explain how external influences affect a Business	Learn how government policies can have an impact on how a business operates.
9	Revise what marketing is and what the marketing mix is.	Explain what a firm considers when deciding on product price	Explain what a firm considers when deciding on product design	Explain what a firm considers when deciding on product place (where it is sold)	Explain what a firm considers when deciding on product promotions
10	Explain how technology affects how a firm uses its marketing mix	Draw the stages of a product life cycle	Explain how a firm uses the product life cycle	Explain how a firm can extend the life of a product	Explain the importance of branding to a firm
11	Learn what a stakeholder is and who they are	Learn what the main laws are that impact upon how a firm operates	Learn how firms grow internally and externally	Define globalisation and think of 5 firms who operate in a global market	Explain what the benefits and problems are to a firm operating in a global market
12	Learn what a SWOT analysis is and do one for a firm of your choice.	Say what a market map is and explain why it is used	Produce a market map for a product of your choice	Explain how ethics affect how a business is run	Explain how a business motivates its staff.

Media

Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
1	Quality Street: 3 x media language, 3 x representation, 2 x context points	List and describe all the shot types you know	Create a collage to demonstrate how "Spectre" has been marketed. Add to this an outline of the job roles on the film.	Identify and explain regulation in the film, radio and newspaper industries	GQ: 3 x media language, 3 x representation, 2 x context points
2	This Girl Can: 3 x media language, 3 x representation, 2 x context points	Identify and explain the readership and ownership of The Sun	Learn the elements of audience demographics. Choose a TV programme and define the primary audience.	Make a poster explaining narrative theories from Propp, Todorov, Levi-Strauss and Barthes	TMWTGG: 3 x media language, 3 x representation, 2 x context points
3	Pride: 3 x media language, 3 x representation, 2 x context points	Devise a mnemonic to help you remember the elements of media language	Explain the important economic factors of: The Archers, Pokemon Go, The Sun, Spectre (film)	Select any 3 articles from a copy of The Sun. How are audiences positioned?	Spectre: 3 x media language, 3 x representation, 2 x context points
4	Recap week 1	Answer this question: what is the historical significance of The Archers?	Screenshot the KP and Bm website - what uses and gratifications do the audience get from it?	Answer this question: how do the episodes of Luther and The Sweeney reflect the social and cultural attitudes of their times?	The Guardian front page: 3 x media language, 3 x representation, 2 x context points
5	Recap week 2	List the conventions of TV crime drama. Explain how Luther and The Sweeney relate to these	Answer this question: how and why are music videos used by the music industry?	Re-watch Luther on the media server. Make notes on characters and settings.	The Sun front page: 3 x media language, 3 x representation, 2 x context points
6	Recap week 3	Watch The Sweeney on the Media Server. How are men and women represented?	What are the three funding types for the media? Explain them and create a rhyme to remember.	How is the film industry regulated? What regulation issues impact on the film of Spectre?	Answer this question: what impact has technology had on 'The Archers'?
7	Recap week 1	Recap week 4 B-E	Make notes on the representation of gender, ethnicity and age in Luther and The Sweeney	Make a poster explaining narrative theories from Propp, Todorov, Levi-Strauss and Barthes	Bruno Mars: 3 x media language, 3 x representation, 2 x context points for BOTH the video and his website
8	Recap week 2	Recap week 5 B-E	make a glossary of key film industry terms eg franchise, blockbuster, mainstream	How can you relate: synergy, convergence, merchandising, funding and regulation to Luther and The Sweeney?	Identify the important economic factors for Luther and The Sweeney
9	Recap week 3	Recap week 6 B-E	Watch a 3 minute sequence from Luther. How do camera work and sound work together in the sequence?	Create a glossary of key moving image terms: camera, sound, editing, mise-en-scene.	Choose three stills from "UF" and "Roar" to analyse.
10	Recap week 1	Recap week 4	Recap week 7	Listen to an episode of The Archers. How does it use soap opera conventions?	Katy Perry: 3 x media language, 3 x representation, 2 x context points for BOTH the video and her website
11	Recap week 2	Recap week 5	Recap week 8	Look at the websites for Spectre and The Archers. How do they position audiences and how do they help to market the products?	Find a film poster, an advert, a newspaper front page and a magazine cover. Compare each to an appropriate set product.
12	Recap week 3	Recap week 6	Recap week 9	Recap week 10+11	Black and White: 3 x media language, 3 x representation, 2 x context points

Art, Craft & Design Exam Preparation – Final Weeks

11 Mar/ 18 Mar	<p>Develop your ideas – at least 2 pages</p> <p>Develop your drawings. Experiment with materials (ink, acrylic, watercolour, chalk pastel, oil pastel etc) designs and processes. Your experiments should link in some way with the work of the artists that you have investigated but should not be a copy of their work. Experiment with different scales, viewpoints and colour combinations.</p> <p>Annotate your pages</p>	<p>Continue to develop your ideas. Write here what you did:</p> <p>.....</p> <p>.....</p>	
25 Mar/1 April	<p>Review and refine your ideas – at least 2 pages</p> <p>Explore different ways of combining your elements to create different composition ideas. Try out three different composition plans at A4 size.</p> <p><i>Discuss how you can improve your ideas with your teacher.</i></p> <p>Annotate your pages</p>	<p>Continue to review and refine your ideas. Write here what you did:</p> <p>.....</p> <p>.....</p>	
8 April /15 April	<p>Easter Holidays</p> <p>Attend exam preparation session</p>	<p>Complete your composition plans and any outstanding sketchbook pages including annotations.</p>	
23 April	<p>Final preparation and final composition plan.</p> <p>Finalise your composition plan and select the best to draw up at A3 size, in colour. Annotate your composition.</p>	<p>Complete any outstanding sketchbook pages including annotations. Make sure you are prepared for the exam!</p>	
29 April	<p>EXAM WEEK</p> <p>EXAM DATES: Wednesday 1 and Thursday 2 May</p>	<p>Discuss any materials needed, photocopies etc with your teacher before the exam.</p> <p>You can have your sketchbook and any other preparatory work with you during the exam.</p> <p>Remember that you must leave your sketchbook in the exam room on Wednesday 1 May and cannot continue to work in it.</p>	

Art, Craft & Design Exam Preparation – Final Weeks

This is a guide to help you with planning your response to your chosen outcome. As your ideas develop you may not necessarily work in this exact order but it is essential to attempt all the tasks listed in your preparation timetable. You have limited time - make sure you use it effectively. Your work should be produced in a sketchbook. A minimum of 2 hours per week should be spent on home learning. Those aiming for higher grades should spend considerably more time on home learning tasks.

You do not have to reinvent the art world! At GCSE it is more important that your work shows careful research and planning and demonstrates your ability to handle materials in an effective way. Do not try to be too ambitious. It is ok to produce a piece which is a further development of something that you have done as part of your coursework.

Remember your work will be marked using the four assessment criteria:

AO1 Develop your ideas through investigations informed by contextual and other sources demonstrating analytical and cultural understanding.

AO2 Refine your ideas through experimenting and selecting appropriate resources, media, materials, techniques and processes.

AO3 Record, ideas, observations and insights relevant to your intentions in visual and/or other forms

AO4 Present a personal, informed and meaningful response demonstrating analytical and critical understanding, realising intentions and where appropriate, making connections between visual, written, oral or other elements.

Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
1	Define the 6R'S.	What is a standardised component? Give examples	Why are standard stock forms used by manufacturers? List typical stock forms for woods and metals	Test yourself on the 7 recycle plastic symbols. Use post its to stick to plastic products	Research an iconic product designed by Philippe Stark - explain what it is and why it is iconic
2	Define what is meant by a smart and modern material.	Watch a video on blow moulding plastic - explain the process in revision cards	What does the term "sustainable" mean. Give an example	Bullet point ferrous and non ferrous metals and alloys. Alongside each, give an example	Define the term planned obsolescence. Give examples.
3	Write a definition for "Iterative" design	Watch a video on how steel is manufactured-bullet points the key stages	Watch a video on injection moulding-draw a diagram to explain the process	CAD/CAM explain what these terms mean. Why are they advantageous over traditional manufacturing methods?	Research the work of Ettore Sottsass. Create flash cards to remember the key products.
4	Recap week 1 A-E	List the tools needed to measure, mark and cut timber based materials.	What is a production aid? Give 2 examples.	Define flexible manufacturing systems and JIT	List out as many finite and non finite resources
5	Recap week 2 A-E	List the tools needed to measure, mark and cut metal based materials.	List out as many electronic components as you can think of	Make a table to explain the differences between one off, batch, mass and continuation production	Name a range of natural and synthetic fibres.
6	Recap week 3 A-E	What are the reasons materials have a finish applied?	What design strategies can be used to generate design ideas?	What social, moral and environmental issues do designers have to consider?	What are the advantages and disadvantages of automated systems in manufacturing industries
7	Recap week 1 A-E	Recap week 4 B-E	For what material would you use a hack saw?	Explain the differences between a thermo & thermo setting plastic	Name 3 products that use "smart" and "modern" materials
8	Recap week 2 A-E	Recap week 5 B-E	What steps do manufacturers take to limit oceanic and atmospheric pollution	List out the differences between brazing and welding	Watch How Its Made Aluminium on You Tube to see the process of producing aluminium from bauxite.
9	Recap week 3 A-E	Recap week 6 B-E	What are the 3 classes of lever? Suggest a product for each class	Draw and label a diagram to show the stages of sand casting	Define a composite material. Give an example of its application.
10	Recap week 1 A-E	Recap week 4	Recap week 7	Define the following: torque, tension, torsion	Create a product lifecycle to show the stages involved in creating a timber based product of your choice
11	Recap week 2 A-E	Recap week 5	Recap week 8	Draw and label a cam with the following: rise, fall and dwell	What is meant by the term technology push and market pull?
12	Recap week 3 A-E	Recap week 6	Recap week 9	Recap week 10+11	Create a product life cycle to show the stages involved in the production of an aluminium can

Food

Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (20 mins)
1	Principles of Nutrition - detail the role of nutrients in our body	Diet and Good Health - Explain the benefits of a healthy diet, and the difficulties associated with a poor diet	The Science of Cooking Food - make a table of methods of preparing and cooking food, to explain the scientific principles involved	Food Spoilage - Produce a safety poster showing how to recognise food spoilage and how to prevent it	Food Provenance and Food Waste: Describe how issues of food provenance, food waste, packaging, and food security can affect the sustainability of food supply
2	Recap week 1	Cultures and Cuisines - make a world map showing the different styles of cuisine from communities across the globe	Technological Developments - with examples, demonstrate how modern technologies are affecting our eating habits. e.g. GM foods, preservation methods, media and apps.	Factors Affecting Food Choice - outline the key factors that affect our food choices	Basic Mixtures and Recipes - write up outline plans for making cakes, pastries, and sauces e.g. whipped cream, choux pastry, bread, shortcrust pastry, flaky pastry, tomato sauce, roux sauce, setting (e.g. lemon curd)
3	Recap week 1	Recap week 2	Commodities: Cereals - make a table detailing the main cereals showing their importance in food	Commodities: Fruit and Vegetables - make a table detailing the main fruits and vegetables showing their importance in food	Commodities: Dairy - make a table detailing the main dairy produce showing their importance in food
4	Recap week 1	Recap week 2	Recap week 3	Commodities: Meat, Poultry, Fish, and Eggs - make a table detailing the main protein sources showing their importance in food	Commodities: Beans, Nuts, Seeds, Soya, Tofu, and Mycoprotein - make a table detailing the main alternative protein sources showing their importance in food
5	Recap week 1	Recap week 2	Recap week 3	Recap week 4	Commodities: Butter, Oil, Margarine, Sugar, and Syrup - make a table detailing the main fats and oils showing their importance in food
6	Recap week 1	Recap week 2	Recap week 3	Recap week 4	Recap week 5

Child Development

Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (20 mins)
1	Learn the types of family and the differences between them.	Make a list of the responsibility of the parents - what do children need to grow and develop?	Bullet point the factors that people need to consider before deciding to start a family	What are the different hereditary diseases (genetic disorders)?	What foods should a pregnant woman avoid and why?
2	Recap week 1	Watch and make notes https://www.essentialparent.com/lesson/bottle-feeding-how-to-prepare-formula-milk2036/	Make a list of the disadvantages and advantages of breastfeeding and bottle feeding.	How can a father/partner help support the mother during pregnancy, birth and after the baby is born?	Who are the different health care professionals that will support the pregnant mother? How can they help? What do they do?
3	Recap week 2	Recap different methods of contraception. What are the pros and cons of each? http://www.fpa.org.uk/	Make a spider diagram of things a couple can do to prepare their bodies for pregnancy (men and women) 'pre-conceptual care'. http://www.nhs.uk/conditions/pregnancy-and-baby/pages/planningpregnancy.aspx	Draw a diagram and label the male and female reproductive systems. Label with the function of each part.	Draw a flow chart of the development of the foetus. What happens at each stage?
4	Recap week 2	Recap week 3	What are the screening tests? What are diagnostic tests? What does each one test for and how? When is each test carried out?	The birth - Learn types of pain relief, stages of labour. Why might a woman need to be induced?	Where can a woman give birth? Make a list of the pros and cons for each
5	Recap week 2	Recap week 3	Recap week 4	What does APGAR stand for? Make a list of the physical checks on a new born baby	Describe why a baby may be placed in a special care baby unit? What equipment is used? What are the effects on the parents?
6	Recap week 4	Recap week 5	Create a table of the most common childhood diseases. How would you recognise each one and how would you treat them?	How would you prepare a child for a stay in hospital?	Draw a plan of your house. For each room label the safety risks/hazards that you would need to consider if a young child was staying there. How could you make your home safer?

Music

Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
1	Learn 1950s Rock n Roll musical features	Learn Rock Anthems of the 1970s and 80s features	Learn Ballads of the 70, 80 and 90s features	Learn solo artist from 1990-present day features	Learn Samba features
2	Learn Calypso features	Learn African drumming features	Learn Israeli and Palestinian folk	Learn Greek folk features	Learn Bhangra features
3	Practice describing a piece of film or game music using DIMPRATTTTS	Listen to instruments from the orchestra on DSO kids or a similar website	Learn concerto key vocabulary	Practice hearing the difference between the concerto from Baroque, classical and Romantic period	Learn Indian classical features
4	Recap week 1 A-E	Learn the Italian words for tempo, dynamic markings and articulation	Learn the features of classical concerto	Learn the features of Baroque concerto	Memorise the names of composers
5	Recap week 2 A-E	Learn the features of Romantic concerto	Learn the features of a concerto grosso	Listen to instruments from the orchestra on DSO kids or a similar website	Practice describing a piece of music using DIMPRATTTTS
6	Recap week 3 A-E	Create your own Playlist with rhythms of the world music in	Learn Indian classical features	Memorise the names of the techniques used by the guitar	Memorise the music technology key vocabulary and definitions
7	Recap week 1 A-E	Recap week 4 B-E	Recap time signatures - both simple and compound	Recap key signatures up to 4 sharps and flats	Recap the 4 cadences and listen to examples on BBC bitesize
8	Recap week 2 A-E	Recap week 5 B-E	Memorise the dates for the different periods - Baroque, classical, Romantic	Learn the names of the instruments in the 4 families	Learn vocal techniques e.g. vibrato, melisma
9	Recap week 3 A-E	Recap week 6 B-E	Learn Indian classical features	Learn 1950s Rock n Roll musical features	Practice hearing the difference between the concerto from Baroque, classical and Romantic period
10	Recap week 1 A-E	Recap week 4	Recap week 7	Practice describing a piece of film or game music using DIMPRATTTTS	Listen to instruments from the orchestra on DSO kids or a similar website
11	Recap week 2 A-E	Recap week 5	Recap week 8	Learn concerto key vocabulary	Learn key vocabulary linked to rhythm
12	Recap week 3 A-E	Recap week 6	Recap week 9	Recap week 10+11	Memorise the names of composers



Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
1	Watch the 'DNA' clip on BBC Bitesize	Create your own synopsis of the play using a timeline or comic strip	Create a role on the wall for Phil & Leah	Create a role on the wall for John Tate Cathy	Create a mind map for Brian, Lou, Jan, Mark, Danny, Richard & Adam
2	Create a costume design for John Tate	Write a paragraph explaining how costume can be used to communicate character.	Create a costume design for Adam before and after his disappearance	Mind map the central themes of the play with lines from the play as examples	Make a list using underlining and colour OR create a mindmap showing all of the ways DNA is included within the play
3	Write a paragraph explaining the difference between nature vs nurture	Write a paragraph explaining how the play explores nature vs nurture. Do we have a choice about the roles we assume in life?	Read pages 12-19 and explain each character's motivation.	Make a list of the names; Mark, Jan, Leah, Phil and John Tate. Next to them write how they have changed from the beginning to the end of the play. Highlight key words.	Make a list of the names; Danny, Richard, Cathy, Brian & Adam. Next to them write how they have changed from the beginning to the end of the play. Highlight key words.
4	Recap week 1 A-E	List the 4 stage types you know and learn their correct spelling.	Draw a ground plan for 2 of the stage types, showing entrances, exits and audience.	Draw a ground plan for another 2 stage types, showing entrances, exits and audience.	Write a paragraph explaining where and when DNA was first performed and what style of stage was used.
5	Recap week 2 A-E	Give an explanation of what a rehearsal technique is.	Create a mind map containing a variety of rehearsal techniques and why you might use them. The strands could be under the headings; Voice, movement, character relationships.	Create a blank mind map with the same strands as the previous task. Complete the mind map from memory.	From, "This is a bad situation" on pg 40 to "BRIAN nods" on pg 41. Explain 2 rehearsal techniques you could use to rehearse this section.
6	Recap week 3 A-E	List any keyword you know connected to stage lighting and learn their correct spelling.	Go on to BBC Bitesize GCSE Drama and look at the lighting sections. These can be found on pg 6 in 'Drama Mediums', and pg 3 in 'Theatre Design'.	Create drawings with annotations of key lighting terminology, e.g. gobo.	Look at the opening scene on pg 9-10. Explain in detail what lighting you would choose for this section.
7	Recap week 1 A-E	Recap week 4 B-E	List ways you can show interaction between characters.	Read pages 20-23. as a director explain what interaction you would choose to use between Jan and Mark.	Pick a scene of your choice from DNA and explain your choices for the use of proxemics.
8	Recap week 2 A-E	Recap week 5 B-E	List; Volume, Tone, Pitch, Tempo and Pause. Give an explanation for each and highlight key words.	Choose a section from DNA and explain how the actor would use voice to convey meaning to the audience.	Give an example of how voice was used effectively in any live theatre you have seen.
9	Recap week 3 A-E	Recap week 6 B-E	List different dynamics of movement.	Choose a section from DNA & explain how the actor would use movement to convey meaning to the audience.	Give an example of how movement was used effectively in any live theatre you have seen
10	Recap week 1 A-E	Recap week 4	Recap week 7	Read the section, 'writing about and evaluating theatre' on BBC bitesize. Make notes, highlight and underline.	Read the section, 'writing about and evaluating theatre' on BBC bitesize. Make notes, highlight and underline.
11	Recap week 2 A-E	Recap week 5	Recap week 8	Recap week 10	Recap on chosen area
12	Recap week 3 A-E	Recap week 6	Recap week 9	Recap on chosen area	Recap on chosen area




Week	Task A (10 mins)	Task B (15 mins)	Task C (20 mins)	Task D (20 mins)	Task E (varies)
1	Learn all areas of skill and health related fitness	Learn the effects of exercise on the respiratory system	Learn all principles of training	Learn all muscles in the body	Learn all classes of levers
2	Learn all bones in the body	Learn the route of oxygen into the body	Learn aerobic and anaerobic respiration	Understand the terms oxygen debt, vital capacity and tidal volume	Learn the effects of the 6 drugs on the body and which sportsmen would take them
3	Learn the importance of RICE	Learn the movement of blood around the body	Learn how muscles work in antagonistic pairs	Learn the fitness tests associated with SRF & HRF	Learn axes and axis of movement
4	Recap week 1 A-E	Learn the effects of diet on the body	Learn the difference between overweight, obese and overfat	Learn the cross-section of the heart	Answer a 9 mark question from a previous exam
5	Recap week 2 A-E	Learn how the principles of training can effect a PEP	Learn the effects of blood pressure on the body	Learn the difference and importance of qualitative and quantitative	Answer a 6 mark question from a previous exam
6	Recap week 3 A-E	Learn how vascular shunting works	Learn aerobic target zones	Learn open and closed skills	Recap how to identify AO1, AO2 and AO3
7	Recap week 1 A-E	Recap week 4 B-E	Learn SMART goals	Learn influences on taking part in sport	Recap the terminology for the circulatory system
8	Recap week 2 A-E	Recap week 5 B-E	Learn effects of physical activity on emotional health	Learn guidance and feedback on performance	Recap the terminology for the respiratory system
9	Recap week 3 A-E	Recap week 6 B-E	Learn high and low organisation skills	Learn factors affecting optimum weight	Recap the terminology for the principles of training
10	Recap week 1 A-E	Recap week 4	Recap week 7	Learn how the principles of training can effect a PEP	Recap the terminology for the effects of drugs
11	Recap week 2 A-E	Recap week 5	Recap week 8	Learn the effects of blood pressure on the body	Answer a 6 mark question from a previous exam
12	Recap week 3 A-E	Recap week 6	Recap week 9	Recap week 10+11	Answer a 9 mark question from a previous exam

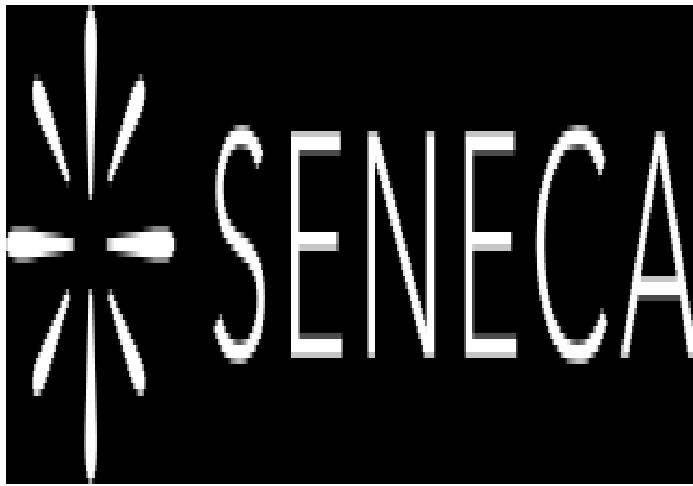
6 Week Revision timetable

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1							
2							
3							
4							
5							
6							

Resources to support independent learning and study

	<p>At the heart of GCSEPod are videos or “Pods”. Each one is a highly concentrated, 3-5 minute segment of audio-visual learning and specialist subject knowledge for 20 curriculum areas. It's written by expert subject teachers then rigorously quality assured. Every Pod is mapped to GCSE and is up to date with curriculum and technology changes.</p>	<p>To access GCSEPod for the first time, students should follow these three steps:</p> <ol style="list-style-type: none"> 1) Go to www.gcsepod.com and click “Login” in the top right hand corner 2) Click “New here? Get started.” 3) Enter their name, date of birth and choose their school 4) Select a username and password (to be used when they next login) and select the subjects they study
	<ul style="list-style-type: none"> • SAM Learning say that ‘Using us for just 10 hours across the year will increase your expected attainment by 2 GCSE grades, on average.’ • SAM Learning is, on average, used by over 100,000 students every day. • There are more than 70,000 activities across 27 subjects to help you revise. 	<p>Login Details – Centre ID – CM7NH User ID and Password are initially the same and based on students’ date of birth and initials Format is DDMMYYFS</p>
	<p>The app has been designed to help you identify your strengths and areas to develop.</p> <ul style="list-style-type: none"> • It is a great way of practising questions on specific topics. The app refreshes questions so you have unlimited opportunities to prove that you are moving your learning forward. • The app contains 152 therapy videos. If you are stuck on a particular question, you can watch 	<p>https://mathsapp.pixl.org.uk/</p> <p>To log in for the first time: School ID: NH1765</p> <p>User id/Password will usually be Students’ first names and initials for the first login – Maths teachers can advise if any problems.</p>

	<p>moving forward.</p> <ul style="list-style-type: none"> • The app has built in challenges that enable you to focus on topics that are specific to your target grade. 	
	<ul style="list-style-type: none"> – To help students understand mathematical topics by providing free Video Tutorials – To help students reinforce their learning by providing free Practice Questions, 5-a-day and solutions to each – To help stretch and challenge students by providing free puzzles and activities – To help teachers by providing all these resources for free so that they can use them within their lessons and as resources for homework or revision. 	<p>No login required. Website is: https://corbettmaths.com/</p> <p>Can be followed on Twitter: @Corbettmaths</p>
	<p>The PiXL Lit app focuses on helping you to develop your knowledge and understanding of literature texts. The main focuses are: 1) Quotation learning 2) Character learning 3) Knowledge of events and plot 4) Literature terminology</p>	<p>http://englishapp.pixl.org.uk/</p> <p>To log in for the first time: School ID: NH1765</p> <p>User id/Password will usually be Students' first names and initials for the first login – English teachers can advise if there are any problems.</p>
	<p>MyMaths provides a fully interactive online learning resource suitable for all ages and abilities right up to A-Level, and can be accessed 24/7 from school, home, or even when on holiday.</p>	<p>Login Details – notley Password – circle</p> <p>Students should also all have individual logins.</p> <p>Puffin Academy needs to be downloaded for MyMaths to work on an ipad or phone.</p>



Seneca Learning

This is what Seneca say: Seneca's smart learning algorithms make you **remember topics better**. When you get a question wrong, the content will be repeated in many different formats at the optimal time. It's the only revision resource with GIFs and memes that will **make you laugh instead of stressed**. Time flies when using Seneca instead of traditional revision guides.

Seneca is entirely free to access and many subjects in the school are actively using and recommending it.

Log in info: A number of teachers have created class groups and your child may have an account through this. If they are not in a class which is using Seneca, they can still create an account for themselves by clicking on 'Sign Up' and creating an account.

Quizlet

Quizlet allows students to create study sets and flashcards of key terms and has a range of games and strategies that students can use to practise these and remember them. Students can also search for study sets for key terms. They are able to create an account for free and share study sets with fellow classmates. Quizlet is particularly effective for learning in languages.

Login info:

Students can create their own accounts when they access the site.

