



Cowes Enterprise College

Year 11 Revision Booklet

GCSE Mock Examinations

November 2023

Revision booklet

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Example Revision Schedule

Mon	Tues	Wed	Thurs	Fri	Sat	Sun
Maths English	Science French or Spanish	Option subject 1 History or Geography	Maths Science	English Option subject 2	Extra Revision / Catch up	Extra Revision / Catch up

Revision Method Guidance:

1. Quiet space
2. Pens, pencils, flashcards, highlighters, revision guide, device to watch GCSEpods (with notifications turned off)
3. Use the 5 step process - <https://youtu.be/onnmBGSBsbo>
4. 25 min, 5 mins break and treat, 25 mins 5 mins break and treat. (build to doing another 25min block)
5. Repeat for next subject
6. Tidy your space and get everything ready for tomorrow's study session

Subject: Mathematics Foundation

Exam Board: AQA

Paper(s): Paper 1 Non-calculator

Paper 2 Calculator Wednesday

Paper 3 Calculator Wednesday

Revision schedule for Foundation

Topic	Corbett Maths Code(s) (https://corbettmaths.com/contents/)	Mathswatch Clip
Number and Proportion		
Ordering integers and decimals	95, 208	1, 2
Decimal calculations	90, 91, 92, 94	17, 18, 66, 67
Factors and multiples	216, 220	28, 79, 80
Calculations with negative numbers	205, 206, 207	68, 23
Powers and roots	212, 214, 226, 228	81, 131
Fractions	133, 134, 137, 139, 140, 142, 143	25, 26, 70, 71, 72, 73, 74
Fractions, decimals and percentages	130 (121-129 if you need more practice)	84, 85
Percentages	233, 234, 235, 236, 238	86, 87, 88, 89, 108, 109, 142
Prime factors	223, 224	78
Proportion	255a, 210	39, 41, 105
Speed, distance, time	299	142
Time	322	
Ratio	269, 269a, 270, 271, 271b, 271c,	106, 165
Algebra		
Simplifying expressions	9, 11, 18	33, 34, 35
Expanding and factorising brackets	13, 117	93, 94
Solving equations	110	135
Forming expressions and formulae	16	137
Substitution	20	95
Coordinates	84, 198	8, 133
Linear sequences	287, 288	102, 103
Inequalities	176, 177	138, 139
Reciprocal graphs	346	161
Geometry and Measures		
Measuring lines and angles	31, 397	46
Angle facts	30, 35, 37, 25	45, 120, 121
Perimeter and area	241, 43, 45	52
Similarity and congruence	66, 291, 292	144, 12

Interior and exterior angles in polygons	32	123
Volume	355, 356, 357, 361	115, 119, 169,
Rotation, reflection, translation	272, 275, 325	48, 49, 50
Trigonometry in right-angled triangles	330, 331, 341	168
Statistics and Probability		
Averages	50, 53, 56	62, 130a
Spread	57	62, 130a
Probability	245, 246, 250, 252, 376	14, 59, 125, 185
Sets	379, 380	127a; 127b
Statistical graphs	148, 161, 162, 165, 166, 167, 168	64; 65a; 65b; 125; 126

Revision schedule for Higher

Topic	Corbett Maths Code(s) (https://corbettmaths.com/contents/)	Mathswatch Clip
Number and Proportion		
Decimal calculations	90, 91, 92, 94	17,18, 66,67
Prime factors	223, 224	78
Fractions	133, 134, 137, 139, 140, 142, 143, 145	24, 25, 26a, 26b, 70, 71, 72, 73,74
Rounding, error intervals and bounds	278, 279a, 280, 377, 183, 184	31, 32, 90, 155a, 206
Ratio	269a, 270, 271a, 271b, 271c, 271d	38, 106, 107, 165a, 165b
Percentages	233, 236, 237, 240	86, 87, 88, 89, 108, 109, 110
Standard form	300	83
Compound measures: speed, density and pressure	299, 384, 385	142a, 142b, 142c
Recurring decimals	96	177
Surds	305, 306, 307, 308	207a, 207b, 207c
Algebra		
Forming and solving equations	114, 115	137
Expanding brackets	13, 14	93, 134a, 134b
Substitution	20	95
Rearranging formulae	7, 8	136, 190
Inequalities	176, 177, 178, 179	138, 139
Direct and inverse proportion	254, 255	199
Linear graphs	194, 195, 196, 197	97, 159a, 159b
Simultaneous equations	295	162
Algebraic fractions	24, 21	210a, 210b
Linear and quadratic sequences	288, 388(a/b/c – your teacher will direct you)	102, 103, 213
Quadratics	118, 120, 266, 267, 10	157, 158, 191, 192, 209a, 209b,
Functions, composite and inverse functions	386, 369, 370	214a, 214b, 215
Iteration	373, 373a	180

Reciprocal and exponential graphs	345, 346	161, 194
Translating and reflecting graphs	323	196
<i>Geometry and Measures</i>		
Angle facts	33, 37, 25, 32	120, 121, 123
Area	41, 48, 49	53, 54, 56
Similarity and congruence	66, 291, 292	12b, 144
Rotation, reflection, translation	272, 275, 325	48, 49, 50
Pythagoras' Theorem	257, 259	150b
Exact Trigonometric Values	341	173
Trigonometry in right-angled triangles	330, 331, 341	168
Circumference and area of a circle	59, 60	117, 118
Circle theorems	64, 65	183
Surface area and volume	312, 313, 314, 315, 357, 358, 359, 360, 360a, 361	114a, 114b, 115, 119, 169, 171
<i>Statistics and Probability</i>		
Averages and spread	50, 53, 54, 55, 56, 57, 57b	62, 130a, 130b,
Bearings	26, 27, 27a	124
Boxplots	149, 150	187
Histograms	157, 158, 159	205
Product rule for counting	383	69
Sets, set notation and Venn diagrams	379, 380	127a, 127b
Probability	245, 246, 247, 248, 252	59, 125, 185, 204

Subject: English Language:

Paper(s):



Paper 1: 1 hour 45 minutes

- Reading section - 1 hour
- Imaginative Writing - 45 minutes

Paper 2: 2 hours and 5 minutes

- Reading section - 1 hour 20 minutes
- Transactional Writing - 45 minutes

Revision priorities:

Language devices (such as adjectives, similes, metaphors)
Structural devices (such as short sentences/paragraphs, repetition, punctuation marks)
SEIZE writing.
SPITE and PECS
Imaginative Writing skills
Transactional Writing skills

Suggested Activities:

Watch GCSE Pod:

- Paper 1: <https://members.gcsepod.com/shared/podcasts/title/13418>
- Paper 2: <https://members.gcsepod.com/shared/podcasts/title/13419>
- Or BBC Bitesize: <https://www.bbc.co.uk/bitesize/examspecs/zgvg6fr>
- Use the below QR code to access a sharepoint that has 3 narrated powerpoints with tasks on them. Don't forget to turn the volume up!



Or click [here](#) to go to the sharepoint.

If you need anything printed, please ask your English teacher.

Subject: Combined Science

Paper(s):

- Physics paper 70mins
- Chemistry 70mins
- Biology 70 mins

Units: B1-B3

Revision priorities:

1) Back to basics – structures in both animal & plant cells, why do plants have extra organelles?
2) Please revise both aerobic & anaerobic respiration – make sure you can write out both the word and balanced chemical symbol equations.
3) Please revise from all 3 photosynthesis pods – make a list of factors affecting rate and that you recognise & can explain rate graphs
4) The 3 ways substances move in and out of cells – diffusion ‘spreading out’ – osmosis the diffusion of water and active transport also for the next session – requiring energy
5) Focus mainly on active transport here – water uptake – photosynthesis being an endothermic process – taking energy in.
6) Please study stem cells I & II. Make a list of pro’s & cons of stem cells research – remembering that this is an ethical issue.
7) Nervous system – Please ensure that you can ‘tell the story’ of both conscious & reflex nervous responses AND that you can label the neurones and that you know their function in terms of direction and that 2 types carry electrical signals and 1 type a chemical signal.
8) Hormones – Please learn all 4 for higher – the function of FSH & LH is NOT needed for foundation.
9) Homeostasis – what does it mean? What do we need to control? Revise water, temperature thyroxine & insulin.
10) PAG – Rates of enzyme-controlled reactions. You will also need to recognise & explain the shape of the 2 graphs – changing temperature & pH.

Suggested Activities:

1) https://app.senecalearning.com/classroom/course/99637c60-1d60-11e8-897c-5d8cc8a1bc03/section/09aaa920-1d62-11e8-897c-5d8cc8a1bc03/session
2) https://members.gcsepod.com/shared/playlists/playlist/109886
3) https://members.gcsepod.com/shared/playlists/playlist/109886
4) https://members.gcsepod.com/shared/playlists/playlist/109886
5) https://members.gcsepod.com/shared/playlists/playlist/109886
6) https://members.gcsepod.com/shared/playlists/playlist/109886#
7) https://app.senecalearning.com/classroom/course/99637c60-1d60-11e8-897c-5d8cc8a1bc03/section/a0665497-ed9d-41e5-8831-d17fe6961a6e/session
8) https://members.gcsepod.com/shared/playlists/playlist/109886#
9) https://app.senecalearning.com/classroom/course/99637c60-1d60-11e8-897c-5d8cc8a1bc03/section/a0665497-ed9d-41e5-8831-d17fe6961a6e/session
10) https://members.gcsepod.com/shared/playlists/playlist/109886#

Units: C1 - C3

Revision priorities:

1) Please revise the particle model and change of state. Think about the arrangement & movement of particles in solids, liquids & gases, write a study card to explain.
2) Atomic structure – check you understand what the atomic & mass number represents and revise isotopes.
3) Discovery of the structure of the atom – quite important. Please make sure you can describe both things that we learnt from the Geiger & Marsden experiment.
4) Please revise all separation techniques – specifically chromatography does seem to come up every year now – and make sure you understand an R _f value and the fraction sum to calculate it.
5) Calculations involving mass – You need to be able to work out the mass of 1 mole of anything by adding the individual masses of all atoms then using a multiplication sum to work out the mass of number of moles.
6) Covalent Bonding – 2 types – simple covalent molecules (and revise properties) and giant covalent structures – especially graphite & diamond as 2 of the allotropes of carbon.
7) Ionic bonding -Please go through this thoroughly – especially in relation to drawing atoms then ions after ionic bonding – sodium chloride often comes up on the exam papers.
8) Energetics – exothermic and endothermic reactions & reaction profile graphs MUST be learnt so please sketch them both on a study card including labelling the activation energy and energy change with arrow going in the right direction!
9) There are 4 ways to make a neutral salt – only 3 involve neutralisation – metal and acid does not! Acids, alkalis & neutralisation.
10) Redox reactions – OILRIG, related to electrolysis – this can appear in both papers.

Suggested Activities:

1) https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/543e1a7a-4acf-408f-9809-1780d4c38e90/session
2) https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/543e1a7a-4acf-408f-9809-1780d4c38e90/session
3) https://members.gcsepod.com/shared/playlists/playlist/172944 and https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/6b1669d3-16f2-423a-83b4-408788685721/session
4) https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/6b1669d3-16f2-423a-83b4-408788685721/session and https://members.gcsepod.com/shared/playlists/playlist/172944
5) https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/6b1669d3-16f2-423a-83b4-408788685721/session
6) https://members.gcsepod.com/shared/playlists/playlist/172944 and https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5
7) https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5
8) https://members.gcsepod.com/shared/playlists/playlist/172944
9) https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/f0e1f613-a977-47ed-b62a-cb4c20870957/session/start and https://members.gcsepod.com/shared/playlists/playlist/172944
10) https://members.gcsepod.com/shared/playlists/playlist/172944 and https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/7fbeb0b2-ed69-4497-9733-9c917ebfa3e7/session and https://members.gcsepod.com/shared/playlists/playlist/172944

Subject: Combined Science (Physics)

Units: P1-P3 Revision priorities:

1) Back to basics – please revise the particle model.
2) Density and gases. Make sure you can calculate density – mass/volume and that you revise gases.
3) Latent heat & specific heat capacity – make sure you can define SHC
4) Revise scalars & vectors, speed & distance time graphs.
5) Now acceleration and velocity time graphs. Remember that the area UNDER a velocity time graph represents total distance travelled in metres.
6) Revise types of forces and newtons 3 laws – remembering that you may be asked to complete a calculation for 2nd law – $F = ma$.
7) Elasticity & Hooke's law. Please revise this in terms of materials with elasticity, the relationship between force and extension and the elastic limit. All pods in this section.
8) Resistance; measuring resistance & Ohms law.
9) Electric circuits – make sure you revise circuit symbols & behaviour (same/split) of current & voltage in both series & parallel circuits.
10) Magnetic fields & electromagnets. Make sure you can draw the field lines around a bar magnet, including arrows N to S. Also, force OR NOT when you have 2 magnets in the configurations of attraction & repulsion.

Suggested Activities:

1) https://members.gcsepod.com/shared/playlists/playlist/109894 and https://app.senecalearning.com/classroom/course/df6a80c7-41a9-4c4e-96fe-e487d9ae5a/section/0dcadb0-2177-47c4-b7e3-fa77208316cd/session
2) https://app.senecalearning.com/classroom/course/df6a80c7-41a9-4c4e-96fe-e487d9ae5a/section/0dcadb0-2177-47c4-b7e3-fa77208316cd/session and https://members.gcsepod.com/shared/playlists/playlist/109894
3) https://app.senecalearning.com/classroom/course/df6a80c7-41a9-4c4e-96fe-e487d9ae5a/section/0dcadb0-2177-47c4-b7e3-fa77208316cd/session
4) https://members.gcsepod.com/shared/playlists/playlist/109894 and https://app.senecalearning.com/classroom/course/df6a80c7-41a9-4c4e-96fe-e487d9ae5a/section/57e19d2b-ac47-4735-a000-21c91a7b59e9/session
5) https://members.gcsepod.com/shared/playlists/playlist/109894
6) https://app.senecalearning.com/classroom/course/df6a80c7-41a9-4c4e-96fe-e487d9ae5a/section/62e6dbca-8760-4d4d-9b14-4864bf73bc61/session
7) https://app.senecalearning.com/classroom/course/df6a80c7-41a9-4c4e-96fe-e487d9ae5a/section/4e84641a-80d7-48b2-a887-d063e8b621df/session
8) https://app.senecalearning.com/classroom/course/df6a80c7-41a9-4c4e-96fe-e487d9ae5a/section/37c7bb20-6265-4356-88c8-b7d23562b889/session and https://members.gcsepod.com/shared/playlists/playlist/109894
9) https://app.senecalearning.com/classroom/course/df6a80c7-41a9-4c4e-96fe-e487d9ae5a/section/9c1c40c9-284c-44e1-aaa4-fc8b2e581b56/session and https://members.gcsepod.com/shared/playlists/playlist/109894
10) https://members.gcsepod.com/shared/playlists/playlist/109894

Subject: Combined Science Biology

Paper(s): B4-B6

- Revision priorities:

1. Revise all 3 cycles paying attention to what is happening during each process; change & human influence – water; carbon & nitrogen cycles – B4
2. Consider how mutation has affected both variation & survival
3. Destroy or conserve? How can we conserve species to survive and reproduce whilst polluting our planet; destroying habitats and changing ecosystems – Biodiversity; conservation & sustainability – B6
4. Looking to our future – feeding the world and promoting fit disease-resistant organisms to survive – Selective breeding; genetic modification & genetic engineering – B6
5. Genetic crosses – Punnett squares – very often come up so let's get them right and revise some genetics terms while you can – GOOD LUCK!!

Suggested Activities:

1. https://members.gcsepod.com/shared/playlists/playlist/109891
2. https://app.senecalearning.com/classroom/course/80340610-1dfb-11e8-aa06-fb2257843562/section/306c13b0-1e01-11e8-a696-c531a566eac3/session
3. https://members.gcsepod.com/shared/playlists/playlist/109891
4. https://members.gcsepod.com/shared/playlists/playlist/109891
5. https://app.senecalearning.com/classroom/course/99637c60-1d60-11e8-897c-5d8cc8a1bc03/section/5ec66af0-1d6e-11e8-a3a6-f7d0c42f6859/session

Subject: Combined Chemistry

Paper(s): C4-C6

Revision priorities:

1. Revising chemical reactions – types of reactions and order of reactivity – a real must for both C4 & C6
2. Rate of Reaction – It is crucial you revise all 3 sections: What is rate; rate graphs & factors affecting rates
3. Now look at the factor individually – effects of changing concentration/pressure; surface area & catalyst – C5
4. Here comes the difficult bit – I suggest you re-write this in your own words – Remember that if you impose a change on a system that system will move in the direction to OPPOSE that change
5. LCA – Life cycle assessment – this is very important. Please copy out the stages of the LCA of a product from raw materials to disposal – and think about WHY we recycle.
6. Electrolysis – a very important industrial process, how metals MORE reactive than carbon are extracted from their ores.

Suggested Activities:

1. https://members.gcsepod.com/shared/playlists/playlist/109891
2. https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/364c2fb0-1e36-11e8-813a-33ea188a489d/session https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/3991e4d0-1e36-11e8-813a-33ea188a489d/session
3. https://members.gcsepod.com/shared/playlists/playlist/109891
4. https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/894de190-1e36-11e8-813a-33ea188a489d/session https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/9e306880-1e36-11e8-813a-33ea188a489d/session
5. https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/9e306880-1e36-11e8-813a-33ea188a489d/session https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/63b75729-5deb-4987-8443-814fb113b99b/session https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/3e8707e9-5ab6-4384-a897-0b5efb3d62e1/session
6. https://members.gcsepod.com/shared/playlists/playlist/172946

Subject: Combined Physics

Paper(s): P4-6

Revision priorities:

1. Basic properties of waves & the wave equation – Types of waves & wave formulae – P4
2. Types of e/m waves – Please revise all properties after opening all 7 types of e-/m waves – P4
3. Uses of e/m radiation – please don't forget that there are 2 main uses of microwaves. In the kitchen the waves heat the water molecules in the food and for communications there is no causal link between phone masts and brain damage!
4. Types of radiation & half life – Please revise alpha; beta, gamma & half life – P4
5. 2 tasks – check you can reproduce beta decay on a study card – don't forget no effect on mass number but an increase of 1 on atomic number – why? Study the difference between contamination and irradiation.
6. Revising energy transfer & work done
7. Car safety & measurements – Thinking & braking distance; stopping distance & measurement – P6 – and good luck!!!

Suggested Activities:

1. https://members.gcsepod.com/shared/playlists/playlist/109902
2. https://members.gcsepod.com/shared/playlists/playlist/109902
3. https://www.bbc.co.uk/bitesize/guides/z66g87h/revision/3
4. https://members.gcsepod.com/shared/playlists/playlist/97756
5. https://app.senecalearning.com/classroom/course/df6a80c7-41a9-4c4e-96fe-e487d9ae5a
6. https://app.senecalearning.com/classroom/course/887362e0-d982-4b5c-884d-86fc743c93af/section/3ed222bf-44cd-4a7a-823b-607c1ed3d744/session https://app.senecalearning.com/classroom/course/887362e0-d982-4b5c-884d-86fc743c93af/section/63dbe834-6f28-49ad-b9d2-a65040d74e3c/session
7. https://members.gcsepod.com/shared/playlists/playlist/109902

Subject: Triple Science

Paper(s):

- Physics 105mins
- Chemistry 105mins
- Biology 105mins

Revision priorities:

Physics	Chemistry	Biology
Distance & Speed time graphs. Higher only - Grade 9 motion	The particle model	Cell metabolism & structures
Newton's Laws	Atomic structure	Respiration and what happens during exercise
Electrostatics & understanding charge	Relative formulae mass and calculating empirical mass.	D.N.A, protein synthesis and enzymes
series & parallel circuits, Ohms Law. Higher only - calculating resistance in parallel	Purity and separation techniques	Diffusion and osmosis
Circuit components	Ionic bonding	Exchange surfaces
Magnetic fields	Covalent bonding – both types	Mitosis and both stem cell pods
Electromagnetic induction & generators	Energetics – exothermic & endothermic reactions, bond breaking & making.	Surface area to volume ratio
Motor rules 1 & 2	Reaction profiles & calculations	Transpiration, plant organs & gas exchange in plants
		Structure of all 3 blood vessels

Subject: Biology

Units: B1 – B3

Revision priorities:

1) Back to basics – cell metabolism & structures.
2) Respiration and what happens during exercise. And Aerobic respiration and what the body uses the energy for.
3) D.N.A, protein synthesis and enzymes.
4) Photosynthesis including factors and the experiment.
5) Diffusion and osmosis as a special type of diffusion, also revise active transport. Remember also how we correctly describe the membrane?
6) Exchange surfaces and for students completing higher – look at the grade 9 pod.
7) Revision of mitosis then both stem cell pods – remembering that you can discuss this as an ethical issue – why is it an ethical issue? Discuss both viewpoints.
8) Surface area to volume ratio – take care with this one, ensure you can calculate both before considering this ratio in mammals
9) Eye anatomy & function – <i>remember this topic is predominantly triple only so quite likely to be examined.</i>
10) CNS, reflex arc & synapses.
11) Hormones, female hormones, and fertility.

Suggested Activities:

1) https://members.gcsepod.com/shared/playlists/playlist/106575
2) https://app.senecalearning.com/classroom/course/12515570-076d-11e8-86cf-e3d64fef518f and https://members.gcsepod.com/shared/playlists/playlist/106575
3) https://members.gcsepod.com/shared/playlists/playlist/106575
4) https://app.senecalearning.com/classroom/course/12515570-076d-11e8-86cf-e3d64fef518f
5) https://members.gcsepod.com/shared/playlists/playlist/106575
6) https://app.senecalearning.com/classroom/course/12515570-076d-11e8-86cf-e3d64fef518f/section/3efc8a20-1651-11e8-94cd-bdd70dfee7b9/session
7) https://app.senecalearning.com/classroom/course/12515570-076d-11e8-86cf-e3d64fef518f/section/69f16e90-0831-11e8-9f84-13a21d55962c/session
8) https://members.gcsepod.com/shared/playlists/playlist/106575
9) https://app.senecalearning.com/classroom/course/12515570-076d-11e8-86cf-e3d64fef518f/section/cc0391e0-0b2d-11e8-84b9-8d3ece6f8775/session
10) https://members.gcsepod.com/shared/playlists/playlist/106575 and https://app.senecalearning.com/classroom/course/12515570-076d-11e8-86cf-e3d64fef518f/section/a2661ad0-1652-11e8-9dc2-ffe235db17f7/session
11) https://members.gcsepod.com/shared/playlists/playlist/106575

Subject: Chemistry

Units: C1 – C3

Revision priorities:

1) Atomic structure – including isotopes & grade 9 section.
2) First 3 pods including relative formulae mass and calculating empirical mass.
3) Purity and separation techniques – especially chromatography and calculating R _f values.
4) Ionic bonding – please write out on study cards the changes when an atom undergoes ionic bonding to become an ion and how we show this.
5) Covalent bonding – both types – simple molecules and giant structures. Pay attention to the 2 allotropes of carbon – diamond (4 bonds) & graphite (3 bonds).
6) Polymers – these can also be giant structures. Nanoscience – including the grade 9 questions.
7) Energetics – exothermic & endothermic reactions & bond breaking & making. Reaction profiles & calculations.
8) Remember that there are 4 ways to make a neutral salt but only 3 of these are neutralisation – metal & acid is not neutralisation – WHY?
9) Displacement reactions & use this as a way of revising the reactivity series – which can be used in both papers.
10) Go back to oxidation & reduction – REDOX reactions – OILRIG.

Suggested Activities:

1) https://app.senecalearning.com/classroom/course/96e31cd0-163e-11e8-8f0b-c709585e9621/section/e50fe5b0-164c-11e8-8f0b-c709585e9621/session
2) https://members.gcsepod.com/shared/playlists/playlist/172939
3) https://app.senecalearning.com/classroom/course/96e31cd0-163e-11e8-8f0b-c709585e9621/section/e50fe5b0-164c-11e8-8f0b-c709585e9621/session
4) https://app.senecalearning.com/classroom/course/96e31cd0-163e-11e8-8f0b-c709585e9621/section/d7008060-164c-11e8-99ee-2d9e6ce49a3b/session and https://members.gcsepod.com/shared/playlists/playlist/172939
5) https://app.senecalearning.com/classroom/course/96e31cd0-163e-11e8-8f0b-c709585e9621/section/d7008060-164c-11e8-99ee-2d9e6ce49a3b/session and https://members.gcsepod.com/shared/playlists/playlist/172939
6) https://app.senecalearning.com/classroom/course/96e31cd0-163e-11e8-8f0b-c709585e9621/section/fa34f3e0-164c-11e8-99ee-2d9e6ce49a3b/session and https://members.gcsepod.com/shared/playlists/playlist/172939 and https://app.senecalearning.com/classroom/course/96e31cd0-163e-11e8-8f0b-c709585e9621/section/9d8d7100-164f-11e8-870d-a1d9d69a27a6/session and https://app.senecalearning.com/classroom/course/96e31cd0-163e-11e8-8f0b-c709585e9621/section/c5e1c5f0-e013-430d-a1da-8173dd680b3c/session/start
7) https://members.gcsepod.com/shared/playlists/playlist/172939 and https://app.senecalearning.com/classroom/course/96e31cd0-163e-11e8-8f0b-c709585e9621/section/664d4a60-1656-11e8-870d-a1d9d69a27a6/session and https://members.gcsepod.com/shared/playlists/playlist/172939 and https://app.senecalearning.com/classroom/course/96e31cd0-163e-11e8-8f0b-c709585e9621/section/e5f55820-1656-11e8-870d-a1d9d69a27a6/session/start
8) https://app.senecalearning.com/classroom/course/96e31cd0-163e-11e8-8f0b-c709585e9621/section/a007fb00-165c-11e8-af0a-0379f2ebbbbaa/session and https://members.gcsepod.com/shared/playlists/playlist/172939
9) https://app.senecalearning.com/classroom/course/96e31cd0-163e-11e8-8f0b-c709585e9621/section/2884b1a0-165b-11e8-af0a-0379f2ebbbbaa/session
10) https://app.senecalearning.com/classroom/course/96e31cd0-163e-11e8-8f0b-c709585e9621/section/10761f70-1658-11e8-a7b7-77aec35fa484/session and https://members.gcsepod.com/shared/playlists/playlist/172939

Subject: Physics

Units: P1-P4

Revision priorities:

1) History of the particle model.
2) Latent heat & specific heat capacity – please make sure you are confident to calculate both and re-arrange also.
3) Revising gas pressure & Pressure changes.
4) Speed & acceleration with scalars & vectors – please focus on magnitude only or both magnitude & direction.
5) Distance & Speed time graphs. Grade 9 motion for Higher only.
6) Newton's Laws – remember that you will be expected to use and re-arrange his 2nd law $F = ma$. Higher students can you please revise momentum thoroughly at this point.
7) Please revise mass & weight and Hooke's Law.
8) Revise both series & parallel circuits – and check that you can use Ohms Law. Higher students only take care with the last clip – calculating resistance in parallel.
9) Circuit symbols and I-V graphs – something a bit lighter.
10) Circuit components – check that you know them all. Pay particular attention to thermistors getting the current the right way round in terms of raising or lowering resistance with a change in temperature – this one requires you to link 3 things.

Suggested Activities:

1) https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72 https://members.gcsepod.com/shared/playlists/playlist/97755
2) https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/ef0f0720-0d7e-11e8-ba7d-d38264175a72/session and https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/03d24640-0d7f-11e8-ba7d-d38264175a72/session
3) https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/31d815a0-0d80-11e8-ba7d-d38264175a72/session and https://members.gcsepod.com/shared/playlists/playlist/97755 and https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/7053df80-0d80-11e8-ba7d-d38264175a72/session
4) https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/1cae61a0-0d82-11e8-ba7d-d38264175a72/session and https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/129e6480-0d82-11e8-ba7d-d38264175a72/session
5) https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/cc484cc0-0d82-11e8-ba7d-d38264175a72/session/start and https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/c8dd4e02-48cc-4280-b054-7cb685c5084e/session
6) https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/3acd6c40-0d86-11e8-bb94-73204a9449a8/session and https://members.gcsepod.com/shared/playlists/playlist/97755
7) https://members.gcsepod.com/shared/playlists/playlist/97755 and https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/a80a8d50-0d87-11e8-bb94-73204a9449a8/session and https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/107c6310-17ef-11e8-8036-49a36d4c13ca/session
8) https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/2a0a1310-0d9d-11e8-94a3-afec5640c108/session and https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/a06d3be0-0d9d-11e8-94a3-afec5640c108/session and https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/a6691050-0d9d-11e8-94a3-afec5640c108/session and https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/8dbcb086-6b0d-48a8-87c5-8d76191f40ed/session
9) https://members.gcsepod.com/shared/playlists/playlist/97755
10) https://app.senecalearning.com/classroom/course/58b75af0-0d7b-11e8-ba7d-d38264175a72/section/afa6c950-0d9d-11e8-94a3-afec5640c108/session

Subject: Biology

Paper(s): B4-B6

Revision priorities:

1. Revise all 3 cycles paying attention to what is happening during each process; change & human influence – water; carbon & nitrogen cycles – B4
2. Consider how mutation has affected both variation & survival
3. Destroy or conserve? How can we conserve species to survive and reproduce whilst polluting our planet; destroying habitats and changing ecosystems – Biodiversity; conservation & sustainability – B6
4. Looking to our future – feeding the world and promoting fit disease-resistant organisms to survive – Selective breeding; genetic modification & genetic engineering – B6
5. Genetic crosses – Punnett squares – very often come up so let's get them right and revise some genetics terms while you can.
6. Genetics – looking at what we are – please do revise the punnet squares – Genes; alleles & monohybrid inheritance – B5
7. Looking to our future – feeding the world and promoting fit disease-resistant organisms to survive. Selective breeding; modern Vs organic farming and considering sustainable resources – B6
8. So let's look at the challenges we face in relation to medical advances and maintaining a disease-free life. GOOD LUCK!!!!

Suggested Activities:

1. https://members.gcsepod.com/shared/playlists/playlist/109891
2. https://app.senecalearning.com/classroom/course/80340610-1dfb-11e8-aa06-fb2257843562/section/306c13b0-1e01-11e8-a696-c531a566eac3/session
3. https://members.gcsepod.com/shared/playlists/playlist/109891
4. https://members.gcsepod.com/shared/playlists/playlist/109891
5. https://app.senecalearning.com/classroom/course/99637c60-1d60-11e8-897c-5d8cc8a1bc03/section/5ec66af0-1d6e-11e8-a3a6-f7d0c42f6859/session
6. https://members.gcsepod.com/shared/playlists/playlist/106576#
7. https://members.gcsepod.com/shared/playlists/playlist/106576#
8. Development of drugs & immunisation programmes are topics to think on in relation to OUR future! https://members.gcsepod.com/shared/playlists/playlist/106576#

Subject: Chemistry

Paper(s): C4-C6

Revision priorities:

1. Revising chemical reactions – types of reactions and order of reactivity – a real must for both C4 & C6
2. Rate of Reaction – It is crucial you revise all 3 sections: What is rate; rate graphs & factors affecting rates
3. Now look at the factor individually – effects of changing concentration/pressure; surface area & catalyst – C5
4. Here comes the difficult bit – I suggest you re-write this in your own words – Remember that if you impose a change on a system that system will move in the direction to OPPOSE that change
5. LCA – Life cycle assessment – this is very important. Please copy out the stages of the LCA of a product from raw materials to disposal – and think about WHY we recycle.
6. Electrolysis – a very important industrial process, how metals MORE reactive than carbon are extracted from their ores.
7. We know that testing for.....in C4 contains a lot of tests that you need to know so study cards out – learn and recall.
8. All about titrations – please remember to use the words ‘weak’ & ‘strong’ correctly, NOT in relation to concentration but to Hydrogen ion dissociation – please try to work through all 4 titration pods.

Suggested Activities:

1. https://members.gcsepod.com/shared/playlists/playlist/109891
2. https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/364c2fb0-1e36-11e8-813a-33ea188a489d/session https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/3991e4d0-1e36-11e8-813a-33ea188a489d/session
3. https://members.gcsepod.com/shared/playlists/playlist/109891
4. https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/894de190-1e36-11e8-813a-33ea188a489d/session https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/9e306880-1e36-11e8-813a-33ea188a489d/session
5. https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/9e306880-1e36-11e8-813a-33ea188a489d/session https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/63b75729-5deb-4987-8443-814fb113b99b/session https://app.senecalearning.com/classroom/course/d145f4f6-2257-45ce-82f4-7b67fa4084c5/section/3e8707e9-5ab6-4384-a897-0b5efb3d62e1/session
6. https://members.gcsepod.com/shared/playlists/playlist/172946
7. https://app.senecalearning.com/classroom/course/96e31cd0-163e-11e8-8f0b-c709585e9621/section/ef22cf60-1654-11e8-8f0b-c709585e9621/session https://app.senecalearning.com/classroom/course/96e31cd0-163e-11e8-8f0b-c709585e9621/section/ea5be260-165d-11e8-b121-03f3ac5b8e2d/session https://app.senecalearning.com/classroom/course/96e31cd0-163e-11e8-8f0b-c709585e9621/section/3645a170-165e-11e8-b121-03f3ac5b8e2d/session

- | |
|--|
| 8. https://members.gcsepod.com/shared/playlists/playlist/172940 |
|--|

Subject: Physics

Paper(s): P5-8

Revision priorities:

1. Basic properties of waves & the wave equation – Types of waves & wave formulae – P4
2. Types of e/m waves – Please revise all properties after opening all 7 types of e-/m waves – P4
3. Uses of e/m radiation – please don't forget that there are 2 main uses of microwaves. In the kitchen the waves heat the water molecules in the food and for communications there is no causal link between phone masts and brain damage!
4. Types of radiation & half life – Please revise alpha; beta, gamma & half life – P4
5. 2 tasks – check you can reproduce beta decay on a study card – don't forget no effect on mass number but an increase of 1 on atomic number – why? Study the difference between contamination and irradiation.
6. Revising energy transfer & work done
7. Car safety & measurements – Thinking & braking distance; stopping distance & measurement – P5 – and good luck!!!
8. Is there anybody out there? Stars; redshift, solar system & the universe would be my call here – P8.3
9. Medical Imaging & tracers – I suggest going back to the first 2 pods in 5.2 – and GOOD LUCK!

Suggested Activities:

1. https://members.gcsepod.com/shared/playlists/playlist/109902
2. https://members.gcsepod.com/shared/playlists/playlist/109902
3. https://www.bbc.co.uk/bitesize/guides/z66g87h/revision/3
4. https://members.gcsepod.com/shared/playlists/playlist/97756
5. https://app.senecalearning.com/classroom/course/df6a80c7-41a9-4c4e-96fe-e487d9aead5a
6. https://app.senecalearning.com/classroom/course/887362e0-d982-4b5c-884d-86fc743c93af/section/3ed222bf-44cd-4a7a-823b-607c1ed3d744/session https://app.senecalearning.com/classroom/course/887362e0-d982-4b5c-884d-86fc743c93af/section/63dbe834-6f28-49ad-b9d2-a65040d74e3c/session
7. https://members.gcsepod.com/shared/playlists/playlist/109902
8. https://members.gcsepod.com/shared/playlists/playlist/97756
9. https://members.gcsepod.com/shared/podcasts/chapter/64433

Subject: AQA GCSE French Foundation Tier

Paper(s): Paper 2 Speaking

- 7–9 minutes (Foundation Tier) + preparation time. 25% towards GCSE. 60 marks

Revision priorities:

To understand how the speaking exam, look like
To practise role play. 15 marks
To practise photocard. 15 marks
To practise general conversation questions 30 marks

Suggested Activities:

A description of how candidates could approach preparing for the **role play**. Examples are given. Watch the youtube video below. It is a foundation tier role play. Pause it, try out the language for yourself and then resume video. Please take notes.

<https://www.youtube.com/watch?v=MxJBbQUPq5A&t=37s>

- Now it is your turn to practise; Click on the link <https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2018/june/AQA-86582F-C-RP-JUN18.PDF>

Have a go at preparing **Role Play 1 and 2**

Understanding how to approach to **photocard**.

- Walk through of the Photo card in the speaking exam for AQA French GCSE at Foundation tier.
- Watch the video and take the notes on the strategies given.
<https://www.youtube.com/watch?v=Ao23X3tN92c>
- Now it is your turn to practise; I would like you to prepare for Card A and B. Click on this link for the cards: <https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2018/june/AQA-86582F-C-CARDS-JUN18.PDF>

General Conversation **30 marks**

- Make sure that you learn answers to the theme 2 questions that you were given as your chosen theme.

PRONOUNCE THE 100 MOST COMMON FRENCH WORDS

- Watch the video <https://www.youtube.com/watch?v=XgHhIF3Ucww> practise the most 100 common French words. This practice will be useful for your speaking exam.
- Now practise your general conversation answers that you have prepared with good pronunciation.
- Tips for speaking exam. https://www.youtube.com/watch?v=TU_31bOgwx8

Finally, an example video what your speaking exam will look like.

- <https://www.youtube.com/watch?v=N9qICzuNzW8&t=491s>

Extension:

- Download at least 5 different role plays and photo cards.
- Time yourself 12 mins to prepare for 1 role play and 1 photocard.
- Record your voice on your phone. Remember you do not have to memorise them. You are allowed to read from your prep sheet.
- Listen the recording and mark them using mark scheme for role play and photocard.

<https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2018/june/AQA-86582-W-MS-JUN18.PDF>

Subject: AQA GCSE French Higher Tier

Paper(s): Paper 2 Speaking

- 10–12 minutes (Higher Tier) + preparation time. 25% of GCSE. 60 marks

Revision priorities:

To understand how the speaking exam, look like.
To practise role play. 15 marks
To practise photocard. 15 marks
To practise general conversation questions 30 marks

Suggested Activities:

A description of how candidates could approach preparing for the **role play**. Examples are given. Watch the youtube video below. It is a higher tier role play. Pause it, try out the language for yourself and then resume video. Please take notes.

- Click on the link: https://www.youtube.com/watch?v=M27F1CDX3_M&t=31s
- Now it is your turn to practise; Click on the link <https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2018/june/AQA-86582H-C-RP-JUN18.PDF>

I would like you to prepare for **Role Play 1 and 2**

Understanding how to approach to **photocard**.

- Walk through of the Photo card in the speaking exam for AQA French GCSE at higher tier.
- Watch the video and take the notes on the strategies given.

<https://www.youtube.com/watch?v=ayMA8r5CRV4&t=330s>

- Now it is your turn to practise; I would like you to prepare for **Card A and B**. Click on this link for the cards: <https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2018/june/AQA-86582H-C-CARDS-JUN18.PDF>

General Conversation **30 marks**

- Make sure that you learn answers to the theme 2 questions that you were given as your chosen theme.

PRONOUNCE THE 100 MOST COMMON FRENCH WORDS

- Watch the video <https://www.youtube.com/watch?v=XgHhIF3Ucww> practise the most 100 common French words. This practice will be useful for your speaking exam.
- Now practise your general conversation answers that you have prepared with good pronunciation.
- Tips for speaking exam. https://www.youtube.com/watch?v=Tu_31bOgwx8

Finally, an example video what your speaking exam will look like.

- <https://www.youtube.com/watch?v=N9qICzuNzW8&t=491s>

Extension:

- Download at least 5 different role plays and photo cards.
- Time yourself 12 mins to prepare for 1 role play and 1 photocard.
- Record your voice on your phone. Remember you do not have to memorise them. You are allowed to read from your prep sheet.
- Listen the recording and mark them using mark scheme for role play and photocard.

<https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2018/june/AQA-86582-W-MS-JUN18.PDF>

Subject: AQA GCSE Spanish Foundation Tier

Paper(s): Paper 2 Speaking

- 7–9 minutes (Foundation Tier) + preparation time. 25% towards GCSE. 60 marks

Revision priorities:

To understand how the speaking exam, look like
To practise role play. 15 marks
To practise photocard. 15 marks
To practise general conversation questions 30 marks

Suggested Activities:

A description of how candidates could approach preparing for the **role play**. Example is given. Watch the youtube video below is a foundation role play. Pause it and try out language then resume video. Please take notes.

<https://www.youtube.com/watch?v=ZwUWPw4bXJ0&t=272s>

- Now it is your turn to practise; Click on the link <https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2018/june/AQA-86982F-C-RP-JUN18.PDF> Practise by preparing for **Role Play 1 and 2**

Understanding how to approach to **photocard**.

- Walk through of the Photo card in the speaking exam for AQA French GCSE at Foundation tier.
- Watch the video and take notes on the strategies given.

<https://www.youtube.com/watch?v=7C3uwsYZNsE&t=327s>

- Now it is your turn to practise; I would like you to prepare for **Card A and B**. Click on this link for the cards:

<https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2018/june/AQA-86982F-C-CARDS-JUN18.PDF>

General Conversation **30 marks**

- Make sure that you learn answers to the theme 2 questions that you were given as your chosen theme.
- Watch the video <https://www.youtube.com/watch?v=JFJtG-MKpCA> You need to pause the video after each question and answer it. This practice will be useful for the general conversation.

Pronounce the most 100 Spanish words

- Watch the video <https://www.youtube.com/watch?v=Xo5Y7AHMy20> practise the 100 most common Spanish words. This practice will be useful for your speaking exam.
- Now practise your general conversation answers that you have prepared with good pronunciation.

Finally, an example video what your speaking exam will look like.

- <https://www.youtube.com/watch?v=imoxRmpcqsQ&t=392s>

You need to prepare your answers for role play and the photocard in the time limit given in the video.

Extension:

- Download at least 5 different role plays and photo cards.
- Time yourself 12 mins to prepare for 1 role play and 1 photocard.
- Record your voice on your phone. Remember you do not have to memorise them. You are allowed to read from your prep sheet.
- Listen the recording and mark them using mark scheme for role play and photocard.

<https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2018/june/AQA-86982-W-MS-JUN18.PDF>

Subject: AQA GCSE Spanish Higher Tier

Paper(s): Paper 2 Speaking

- 10–12 minutes (Higher Tier) + preparation time. 60 marks. 25% of GCSE

Revision priorities:

To understand how the speaking exam, looks like
To practise role play. 15 marks
To practise photocard. 15 marks
To practise general conversation questions 30 marks

Suggested Activities:

A description of how candidates could approach preparing for the **role play**. Example is given. Watch the youtube video below. It is an example of a role play. Pause it, try out the language for yourself, then resume the video. Please take notes.

<https://www.youtube.com/watch?v=F99OGBITD-c>

- Now it is your turn to practise; Click on the link <https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2018/june/AQA-86982H-C-RP-JUN18.PDF>

Have a go at preparing for **Role Play 1 and 2**

Understanding how to approach to **photocard**.

- Walk through of the Photo card in the speaking exam for AQA French GCSE at Foundation tier.
- Watch the video and take notes on the strategies given.

<https://www.youtube.com/watch?v=7C3uwsYZNsE&t=57s>

- Now it is your turn to practise; I would like you to prepare for **Card A and B**. Click on this link for the cards: <https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2018/june/AQA-86982H-C-CARDS-JUN18.PDF>

General Conversation **30 marks**

- Make sure that you learn theme 2 questions that you were given as your chosen theme.
- Watch the video <https://www.youtube.com/watch?v=JFJtG-MKpCA>. You need to pause the video after each question and answer it. This practice will be useful for your general conversation part.
- Now practise your general conversation answers that you have prepared with good pronunciation.

Finally, an example video what your full GCSE Spanish speaking exam will look like.

- <https://www.youtube.com/watch?v=VmCHe51zzIk&t=969s>

You need to prepare your answers for role play and the photocard in the time limit given at the video.

Genius work:

- Download at least 5 different role plays and photo cards.
- Time yourself 12 mins to prepare for 1 role play and 1 photocard.
- Record your voice on your phone. Remember you do not have to memorise them. You are allowed to read from your prep sheet.
- Listen the recording and mark them using mark scheme for role play and photocard.

<https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2018/june/AQA-86982-W-MS-JUN18.PDF>

Subject: History

Paper(s):

- Germany, 1890–1945: Democracy and dictatorship – 60 minutes, exam 2

Revision priorities:

<ul style="list-style-type: none"> Young people in Nazi Germany
<ul style="list-style-type: none"> The German government during the depression
<ul style="list-style-type: none"> Germany under Stresemann and Germany's 'Golden Age', 1924-1929
<ul style="list-style-type: none"> Nazi control of Germany

Suggested Activities:

<ul style="list-style-type: none"> Use the revision guide you have been given to create flash cards or mind maps outlining the main issues connected to the four revision topics outlined above. You may already have full sets of flash cards made, so please use them to revise from regularly!
<ul style="list-style-type: none"> Use the heading on your revision summary notes or copies of the revision guides to create headings on your flash cards. On the reverse of your flash cards, jot down key facts and details.
<ul style="list-style-type: none"> The most important thing is to do something with the revision notes you create. A really quick and effective way of using flash cards is the Leitner Method: https://www.youtube.com/watch?v=C20EvKtdJwQ
<ol style="list-style-type: none"> You might also find GCSEPod helpful. Hitler's appeal to the German people as a leader: https://members.gcsepod.com/pupils/assignments/assignment/1032091 Weimar Germany under Stresemann, c.1924-1929: https://members.gcsepod.com/pupils/assignments/assignment/1032097 <p>Also, bitesize: Weimar Germany Overview 1890-1945 https://www.bbc.co.uk/bitesize/guides/zcwxdm/revision/1 </p>

Paper(s):

- Britain: Health & the people, c.1000 to the present day **AND** Conflict and Tension between East and West 1945-72: 120 minutes, exam 1

Revision priorities:

1. Surgery in 18 th and 19 th Centuries
2. NHS
3. Medieval and 18 th Century Hospitals
4. Factors in the treatment of disease – role of Technology and an other factor
5. NATO and Warsaw Pact
6. Berlin Wall
7. Expansion of Soviet influence 1945

8. Korean War

Suggested Activities:

- Just as you did with your Germany paper revision, use the revision notes you have been given to create flash cards or mind maps outlining the main issues connected to the four revision topics outlined above.
- For example, when you need to be able to discuss how examples of Science and Technology helped, can you compare against other factors?
- Use the revision guides that you have been given.
- Remember, the key thing is to keep testing yourself and be able to recall as much detail as possible. The Leitner Method is a good technique:
<https://www.youtube.com/watch?v=C20EvKtdJwQ>

- Here are some GCSEpods that link to these topics:

Cold War:

Hungary in the 1950s:

<https://members.gcsepod.com/shared/podcasts/title/10668/65544>

Yalta and Potsdam:

<https://members.gcsepod.com/shared/podcasts/title/10667/65533>

Cuban Missile Crisis

<https://members.gcsepod.com/shared/podcasts/title/10669/65547>

Cold War overview

<https://www.bbc.co.uk/bitesize/guides/zgds4j6/revision/1>

Cold War 1945-1960

<https://www.bbc.co.uk/bitesize/guides/zxds4j6/revision/1>

Health and the people:

Health and the people medieval to modern:

<https://www.bbc.co.uk/bitesize/topics/zmmy3j6>

NHS

<https://members.gcsepod.com/shared/podcasts/title/11396/71231>

Renaissance hospitals

<https://members.gcsepod.com/shared/podcasts/title/10755/65983>

The summer exams will be 2x 2hour papers. Since we haven't finished studying Elizabeth yet, we haven't included the second half of the Germany/Elizabeth paper.

Subject: Geography



Paper 1:

- Global Geographical Issues.
- This will be a 90 minutes exam with 3 compulsory sections.
 - Section A – Hazardous Earth (Climate Change, Tropical Storms and Tectonic hazards)
 - Section B – Development Dynamics (including India)
 - Section C – Challenges of an Urbanising World (including Mumbai)
- The exam will be worth 94 marks and will have a mixture of short answer questions and three 8 mark questions (one will have +4 mark for SPAG)

Revision priorities:

1. Human and natural causes of climate change and their importance
2. Development Dynamics – Human and physical factors that are important to the development of India as an emerging country
3. Challenges of an urbanising world – The success of top down and bottom-up strategies in creating a sustainable future for Mumbai

Suggested Activities:

Section A - Hazardous Earth <ul style="list-style-type: none"> ▪ Complete the suggested flashcards - Tectonics hazards = flashcards 3, 4, 5, 8, 9, 10, Climate change = flashcards 13-18, Tropical Cyclones = flashcards 19-22 ▪ See the full flashcard list that you need to revise for this November mock here (they are highlighted in yellow) here, Knowledge organisers are found here and the revision guide is found here. ▪ Remember each week we have been posting support for your flashcards on SMHW and also asking you to complete diagnostic knowledge quizzes to help test how your revision is going. ▪ Once you have made your flashcards test yourself or get someone else to test you.
SENECA LINKS – remember this is an alternative to flashcards. Please use the links so we can see what your areas of strength and weakness are. <ul style="list-style-type: none"> • Flashcards 3, 4, 5, 8, 9, 10 (Tectonic Hazards) https://app.senecalearning.com/dashboard/class/wcfx0zqoqw/assignments/assignment/51de112a-84b8-4b0b-8607-f7613faaf0c7 • Flashcards 13-22 (Climate Change and Tropical Storms) https://app.senecalearning.com/dashboard/class/wcfx0zqoqw/assignments/assignment/68e50a50-6372-4dd5-88d6-bf6287ccad5d
<ul style="list-style-type: none"> ▪ GCSE pod is really useful to help you understand and revise some of the challenging topics. I have created a playlist for the 3 Hazardous Earth section (Tectonics or Climate Change or Tropical Cyclones). Watch the pods to help support you with your flashcards
Section B Development Dynamics <ul style="list-style-type: none"> ▪ Complete the suggested flashcards - Development Dynamics (including India and an example of an emerging country) = flashcards 24, 25, 28-33 and 35 ▪ See the full flashcard list that you need to revise for this November mock here (they are highlighted in yellow) here, Knowledge organisers are found here and the revision guide is found here.

<ul style="list-style-type: none"> Remember each week we have been posting support for your flashcards on SMHW and also asking you to complete diagnostic knowledge quizzes to help test how your revision is going. Once you have made your flashcards test yourself or get someone else to test you.
<p>SENECA LINKS – remember this is an alternative to flashcards. Please use the links so we can see what your areas of strength and weakness are.</p> <ul style="list-style-type: none"> Flashcards 24, 25, 28-33 and 35 Development Dynamics (including India and an example of an emerging country) https://app.senecalearning.com/dashboard/class/wcfx0zqoqw/assignments/assignment/0f9e6b3d-21dc-473a-b0fa-8cc3e1dd90f2
<ul style="list-style-type: none"> GCSE pod is really useful to help you understand and revise some of the challenging topics. I have created a playlist for Development dynamics (see here). Watch the pods to help support you with your flashcards
<p>Section C – Challenges of an Urbanising World</p> <ul style="list-style-type: none"> Complete the suggested flashcards - Challenges of an urbanising World (including Mumbai as an example of a megacity in a named emerging country) = Flashcards 36, 37, 39, 40,43 See the full flashcard list that you need to revise for this November mock here (they are highlighted in yellow) here, Knowledge organisers are found here and the revision guide is found here. Remember each week we have been posting support for your flashcards on SMHW and also asking you to complete diagnostic knowledge quizzes to help test how your revision is going. Once you have made your flashcards test yourself or get someone else to test you.
<ul style="list-style-type: none"> Also see the knowledge organisers to support you - Mumbai as a megacity in an emerging country (see here).
<ul style="list-style-type: none"> GCSE pod is really useful to help you understand and revise some of the challenging topics. I have created a playlist for Challenges of an urbanising world (see here). Watch the pods to help support you with your flashcards
<ul style="list-style-type: none"> There are 3 videos to support you with answering exam questions 1 mark state and identify questions https://www.loom.com/share/6c9e81966a8c46d390867036fc6598b6?sharedAppSource=personal_library 2 mark explain questions https://www.loom.com/share/733d74ac5b704c26bb005a1433b9cda2?sharedAppSource=personal_library 4 mark explain questions https://www.loom.com/share/74b8047e6d394073a920c61972381479?sharedAppSource=personal_library
<ul style="list-style-type: none"> The link to the KS4 resources SharePoint is here There is also a folder of additional practice exam questions (see here)

Paper 2:

- UK Geographical Issues.
- This will be a 90 minute exam with 3 sections. Section A – ‘UK Evolving Physical landscape’ (Geology, Rivers and Coasts), Section B – ‘UK evolving Human landscape’ and Section C – ‘Geographical Investigation’ (Coastal fieldwork and urban fieldwork sections).
- The exam will be worth 94 marks and will have a mixture of short answer questions and four 8 mark questions (one in section A, one in section B, one in section C1 for Coastal fieldwork and one in C2 for urban fieldwork). All 8 mark questions are resource based.

Revision priorities:

1. How physical and human causes affect flooding in the past and present
2. Causes of variations in age structure in urban and rural areas

- | |
|---|
| 3. Recall the strengths and weaknesses of the quantitative data we collected at the beach (beach profile, wave frequency) |
| 4. Recall what you did and the conclusions you reached about our Urban fieldwork to St Mary's and Ocean Village |

Suggested Activities:

Section A – The evolving UK physical environment (Geology, Coasts, Rivers) <ul style="list-style-type: none"> Complete the suggested flashcards – Geology = Flashcards 45, 47, 48, Coasts flashcards = 50, 53, 55, 60, 62, Rivers flashcards 64, 71, 72, 73, 76 See the full flashcard list that you need to revise for this November mock here (they are highlighted in yellow) here, Knowledge organisers are found here and the revision guide is found here. Remember each week we have been posting support for your flashcards on SMHW and also asking you to complete diagnostic knowledge quizzes to help test how your revision is going. Once you have made your flashcards test yourself or get someone else to test you.
<ul style="list-style-type: none"> GCSE pod is really useful to help you understand and revise some of the challenging topics. I have created a playlist for 'UK evolving physical landscapes' (see here). Watch the pods to help support you with your flashcards
Section B – The evolving UK human environment (urban areas, rural areas and London as a named city) <ul style="list-style-type: none"> Complete the suggested flashcards – Urban areas = 77-83, Rural areas = 93 and 94 and London as a named city = 84-92 See the full flashcard list that you need to revise for this November mock here (they are highlighted in yellow) here, Knowledge organisers are found here and the revision guide is found here. Remember each week we have been posting support for your flashcards on SMHW and also asking you to complete diagnostic knowledge quizzes to help test how your revision is going. Once you have made your flashcards test yourself or get someone else to test you.
<ul style="list-style-type: none"> GCSE pod is really useful to help you understand and revise some of the challenging topics. I have created a playlist for 'UK evolving human landscapes' (see here). Watch the pods to help support you with your flashcards
Section C – Fieldwork <ul style="list-style-type: none"> Use the knowledge organisers shared with you in lessons (see Coasts and urban) – we will spent time in lessons focusing on these skills questions. You can support your revision by continuing to practice exam questions.
<ul style="list-style-type: none"> GCSE pod is really useful to help you understand and revise some of the challenging topics. I have created a playlist for 'Fieldwork' (see here). Watch the pods to help support you with your flashcards
<ul style="list-style-type: none"> The link to the KS4 resources SharePoint is here There is also a folder of additional practice exam questions (see here)

Paper 3:

- Making Geographical Decisions.
- This will be a 90 minute exam including Topic 7 – 'People and the Biosphere', Topic 8 – 'Forests under threat' (Taiga forests only) and Topic 9 – 'Consuming Energy resources sections'.
- It has a mixture of 1, 2, 3 and 4 mark questions, two 8 mark questions and the final 12 mark decision making question. It has a total of 64 marks.

- For this mock exam we will focus on Tropical Rainforests forests from Topic 8 and how it links to Topic 7 and 9 (we will then swap to Taiga Forests for a second mock later in the year)
-

Revision priorities:

1. The importance of tropical rainforests to people in developing / emerging countries
2. Physical and human reasons for why oil extraction can only occur in certain places
3. Assess the similarities and differences between opposing view about energy use and exploitation of the tropical rainforest
4. Assessing the environmental challenges of climate change
5. Evaluate the importance of energy in order to reduce dependency on aid

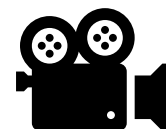
Suggested Activities:

<ul style="list-style-type: none">▪ Complete the flashcards that have been set for homework in weeks 2-9▪ For Topic 7 – ‘People and the biosphere’ the flashcards are: 97, 98, 99▪ For Topic 8 – ‘Forests under threat’ the flashcards are: 100, 101, 103, 104▪ For Topic 9 – ‘Consuming Energy resources’ the flashcards are: 114, 116, 117, 119, 122
<ul style="list-style-type: none">▪ GCSE pod is really useful to help you understand and revise some of the challenging topics. I have created a playlist for ‘UK evolving physical landscapes’ (see here). Watch the pods to help support you with your flashcards
<ul style="list-style-type: none">▪ The link to the KS4 resources SharePoint is here▪ There is also a folder of additional practice exam questions (see here)

Subject: Film Studies

Paper(s):

- Component 1 - 1 hour 30 minutes
- Component 2 - 1 hour 30 minutes



Revision priorities:

Core Elements of Film Studies All answers in film Studies are based around the core elements of: <ul style="list-style-type: none"> • Key Elements: cinematography, sound, editing and mise en scene. • Contexts • Representations • Aesthetics
Singing in the Rain the focus is the key elements of film form and genre
Grease the focus is the key elements of film form and genre
Comparison question the focus is the key elements of film form and genre
Film History -film history timeline-4 -1 mark questions from this timeline
Juno the focus is discussing how the specialist writing has helped with your understanding of the film.
Slumdog Millionaire the focus is the key elements of film form and narrative and the social contexts of the film
Wadjda the focus is on key elements of film form and representation of gender, ethnicity, age and different cultures.
Skyfall the focus is on key elements of film form and the aesthetic qualities created

Suggested Activities:

Core Elements of Film Studies Use the booklet on the key elements of film studies to revise cinematography, sound, editing and mise en scene. https://ormistonacademiustrust.sharepoint.com/:f:/s/msteams_d62e25-FilmStudies/EtbQfv4lQuxAg7rN_OUQi_IBgDSekxz6XZOF7GXEKy6aYg?e=Rqn5S4 BBC bitesize https://www.bbc.co.uk/bitesize/topics/zysdxfr Youtube channel https://www.youtube.com/channel/UCmfNhF1CUaunAnh4x49qnzA/playlists?view=1
Singing in the Rain the focus is the key elements of film form, or genre, or contexts, or narrative, Or representation or aesthetics. Use the booklet provided Task 1: Watch the opening scene Task 2: Watch a scene of your choice Film link: https://cowesec.planetestream.com/View.aspx?id=2893~4w~xWCuoOiw
Grease the focus is the key elements of film form, or genre, or contexts, or narrative, Or representation or aesthetics. Use the booklet provided Task 1: Watch the opening scene Task 2: Watch a scene of your choice Film link: https://cowesec.planetestream.com/View.aspx?id=4976~4A~CKLKdVaM&pid=161
Comparison question on Grease and Singing in the Rain: the focus is the key elements of film form, or genre, or contexts, or narrative, or representation or aesthetics. https://ormistonacademiustrust.sharepoint.com/:w:/s/msteams_d62e25-FilmStudies/EWgdQVV_BN5fy7r66npqqiwBSmD22Seoyb1NTclPP-UgxA?e=n2DtVD

<p>Film History-film history timeline-4 -1 mark questions from this</p> <p>Use the quizzes and timeline to revise key information.</p> <p>https://ormistonacademiestrust.sharepoint.com/:f:/s/msteams_d62e25-FilmStudies/EkFVpc5om0JKhSxpU_48dawB79SRfOQolMhzANzE0L1r6w?e=TAzSvT</p>
<p>Juno- Use the booklet provided.</p> <p>Reread the film review by about the film and revise the key points.</p> <p>You must know 1 scene in detail to be able to write about it in the exam.</p> <p>Make notes as you watch the sequence about the key elements and your opinion of the film.</p> <p>Suggestions for sequences: Opening sequence, phone call with Leah sequence, sequence meeting Mark and Vanessa, the end.</p> <p>Juno revision booklet</p> <p>Film Link: https://cowesec.planetestream.com/View.aspx?id=5164~4q~qPP8esUN</p>
<p>Slumdog Millionaire - Use the booklet provided.</p> <p>The focus is the key elements of film form and narrative and the social contexts of the film</p> <p>Watch 3 sequences including: the opening scene and end scene.</p> <p>Film link: https://cowesec.planetestream.com/View.aspx?id=2161~4k~jDaFvkFO</p>
<p>Wadjda - Use the booklet provided.</p> <p>The focus is on key elements of film form and representation of gender, ethnicity, age and different cultures.</p> <p>Task 1: Watch the opening scene</p> <p>Task 2: Watch a scene of your choice</p> <p>Film link: https://cowesec.planetestream.com/View.aspx?id=4976~4A~CKLKdVaM&pid=161</p>
<p>Skyfall - Use the booklet provided.</p> <p>Use the revision guide section on Skyfall. The focus is on key elements of film form and the aesthetic qualities created</p> <p>Re watch scenes from Skyfall. You must know 2 scenes in detail. Focus on mise en scene and aesthetics. Make notes as you watch.</p> <p>Film link: https://cowesec.planetestream.com/View.aspx?id=2878~4z~aVw8tWQF</p>
<p>Exam walkthroughs provided by Eduqas:</p> <p>https://ormistonacademiestrust.sharepoint.com/:p:/s/msteams_d62e25-FilmStudies/EVJ5j-fcDOILv07Go0BbZvIBIQH-HT60Aw_w86Bh6uIJVg?e=YUrBoH</p> <p>https://ormistonacademiestrust.sharepoint.com/:p:/s/msteams_d62e25-FilmStudies/EVJ5j-fcDOILv07Go0BbZvIBIQH-HT60Aw_w86Bh6uIJVg?e=YUrBoH</p>

Subject: Drama



Paper(s):

Component 1 - 1 hour 45 minutes

Revision priorities:

Theatre roles and responsibilities
Blood Brothers-plot and characters costume and set designs
Blood Brothers-vocal, physical skills using the performance space and interaction with others to create a character.
Blood Brothers-writing about performing individual lines, and performing a character in 2 scenes of the play
Live theatre performance study-analysis and evaluation of the performances given by professional actors in a professional production-Oceans at the End of the lane

Suggested Activities:

<p>Theatre roles and responsibilities. Use the GCSE Drama Revision Guide. Make notes all of these aspects and ask someone to test you to see how many you know and those you need to improve. Watch the video clip and read more on BBC bitesize. https://www.bbc.co.uk/bitesize/guides/zhx3pg8/video</p>
<p>Blood Brothers</p> <p>Blood Brothers: Revise the plot, characters, and themes using the GCSE Drama Play Guide - Blood Brothers. There is more information on BBC bitesize to explore Blood Brother's themes. https://www.bbc.co.uk/bitesize/guides/zyfjrdm/revision/1 You need to create your own ideas for costumes and set designs in the extract.</p> <p>Blood Brothers: Revise vocal and physical skills using the GCSE Drama Play Guide - Blood Brothers. There is more information on BBC bitesize to explore these skills. https://www.bbc.co.uk/bitesize/topics/zfx947h</p> <p>Revise using the performance space and interaction with other performers. There is more information on BBC bitesize to explore this https://www.bbc.co.uk/bitesize/guides/zm2yt39/revision/1</p> <p>Blood Brothers: Revise performing the main characters in 2 scenes of the play using the GCSE Drama Play Guide - Blood Brothers. There is more information on BBC bitesize to explore this https://www.bbc.co.uk/bitesize/guides/z4dp2sg/revision/1</p> <p>Live theatre review- writing about Oceans at the end of the lane in terms of the acting of the performers. Use the knowledge organiser provided to help with this. https://oceanonstage.com Education pack: https://oceanonstage.com/content/uploads/2023/06/OCEAN-Education-Pack-1.pdf</p>

Subject: Business:

Paper(s):

Paper 1: 1 hour and 45 minutes

- Theme 1 – Building the business.
- Section A (no context), Sections B and C (source booklets)

Paper 2: 1 hour

- Theme 2 – Growing the business.
- Section A (no context), Section B (source booklet) – No 9 or 12 mark questions on this paper.

Revision priorities

Subject knowledge of course content – given in the table below.
Exam technique for each command word, especially 3 mark Explain questions.
JIM framework for 9 and 12-mark answers.

Course content:

Topic 1.1 Enterprise and entrepreneurship – how and why new business ideas come about, risk and reward, adding value, the role of entrepreneurship.
Topic 1.2 Spotting a business opportunity – customer needs, market research, market segmentation, market mapping and the competitive environment.
Topic 1.3 Putting a business idea into practice – aims and objectives, revenue, costs and profits, break-even, cash and cash flow forecasts, sources of small business finance.
Topic 1.4 Making business effective – ownership, liability, franchising, business location, marketing mix, business plans.
Topic 1.5 Understanding external influences on business – stakeholders, technology and business, legislation and business, the economy, external influences on business.
Topic 2.1 Growing the business – methods of growth, finance for growth, changes in aims and objectives, globalisation, ethics and the environment.

Suggested Activities:

	Paper based tasks	Online quizzes – BBC Bitesize <i>Go to the quiz tab on the links below.</i>
Topic 1.1 Enterprise and entrepreneurship	Use your revision guide and complete the 'try this' activities at the bottom of each page.	The dynamic nature of business quiz - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize Risk and reward - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize The role of business - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize
Topic 1.2 Spotting a business opportunity	Use your revision guide and complete the 'try this' activities at the bottom of each page.	Market research - Eduqas test questions - Edexcel - GCSE Business Revision - BBC Bitesize Market segmentation - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize Competitive environment - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize

		Customer needs - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize
Topic 1.3 Putting a business idea into practice	Use your revision guide and complete the 'try this' activities at the bottom of each page.	Business aims and objectives - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize Business revenue, costs and profits - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize Cash and cash flow - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize Sources of finance - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize
Topic 1.4 Making business effective	Use your revision guide and complete the 'try this' activities at the bottom of each page.	Limited and unlimited liability - The options for start-up and small businesses - Edexcel - GCSE Business Revision - Edexcel - BBC Bitesize Business location - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize The marketing mix - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize Business plans - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize
Topic 1.5 Understanding external influences on business	Use your revision guide and complete the 'try this' activities at the bottom of each page.	Business stakeholders - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize Technology and business - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize Legislation and business - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize The economy and business - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize Businesses' responses to changing technology - External influences - Edexcel - GCSE Business Revision - Edexcel - BBC Bitesize
Topic 2.1 Growing the business	Use your revision guide and complete the 'try this' activities at the bottom of each page	Business growth - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize Changes in business aims and objectives - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize Business and globalisation - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize Ethics, the environment and business - Edexcel test questions - Edexcel - GCSE Business Revision - BBC Bitesize

Subject: Physical Education

Paper(s): Component 1 Fitness and Body Systems

Revision priorities:

1.1 Structure and function of the Musculo-skeletal system
1.2 Structure and function of the Cardio-respiratory system
1.3 Anaerobic and aerobic exercise
1.4 Short and long-term effects of exercise
2.1 Levers
2.2 Planes and axis
3.1 The relationship between exercise, health and fitness
3.1 Components of fitness
3.3 Principles of training
3.4 Long term effects of exercise
3.6 Effective use of a warm up and cooldown
4.1 Effective use of data

Suggested Activities:

<ul style="list-style-type: none"> Task 1: Watch the videos and make flash cards upon the skeletal and muscular systems. https://members.gcsepod.com/shared/podcasts/title/7929/54512 https://members.gcsepod.com/shared/podcasts/title/7930/54519 <p>Extension: Use your work book to practice a selection of questions on this topic.</p>
<ul style="list-style-type: none"> Task 2: Watch the videos and make flash cards upon the cardiovascular and respiratory system. https://members.gcsepod.com/shared/podcasts/title/7931/54526 <p>Extension: Use your work book to practice a selection of questions on this topic.</p>
<ul style="list-style-type: none"> Task 3: Create a poster explaining aerobic and anaerobic respiration. Think about the equations used. Within the poster explain what lactic is and how this can be prevented. Lastly, explain what energy sources are used and which are used for specific activities. (high-intensity, low intensity) Use the following link on BBC Bitesize to help. https://www.bbc.co.uk/bitesize/guides/z8ypv4j/revision/1 Identify two training methods that can be used to improve aerobic fitness. Extension: Use your work book to practice a selection of questions on this topic.
<ul style="list-style-type: none"> Task 4: What are the short and long-term benefits of training on the body systems? Create a leaflet which explains all the long term effects of training. Use the following GCSE PODs to help you:

<p>https://members.gcsepod.com/shared/podcasts/title/12801/78297 https://members.gcsepod.com/shared/podcasts/title/7925/54486</p> <ul style="list-style-type: none"> Analyse the effects of training on the body systems for a sport of your choice. Extension: Use your work book to practice a selection of questions on this topic.
<ul style="list-style-type: none"> Task 5: Create a mind map for the levers and planes and axes of movement. Then watch the videos and add to your mind map. Component 1: https://members.gcsepod.com/shared/podcasts/title/11784/72859 https://members.gcsepod.com/shared/podcasts/title/11785/72861 <p>Extension: Use your work book to practice a selection of questions on this topic.</p>
<ul style="list-style-type: none"> Task 6: The components of fitness <ol style="list-style-type: none"> What are the components of fitness? What fitness tests are used to measure them? What are the FITT training principles? Use the videos to help answer these questions. Extension: Use your work book to practice a selection of questions on this topic.
<ul style="list-style-type: none"> Task 7: Your task is to create a mind map which defines Health, Fitness, exercise and performance. Then explain the effect of exercise on health and fitness. How do you think fitness affects sporting performance? Think about the types of training you have done and the sports you have played. What do you think they improve? Extension: Use your work book to practice a selection of questions on this topic.
<ul style="list-style-type: none"> Task 8: Your task is to recall MR RIPS and FITT, explaining how each should be applied to a training programme. Use your work book to practice a selection of questions on this topic. Extension: Analyse the importance of each principle- what if one isn't applied?



Subject: Food Preparation and Nutrition

Paper(s):

- Food Preparation and Nutrition (1 hour 45 minutes)

Revision priorities:

Nutrition – macro and micro nutrients; specific vitamins & minerals and their benefits to the function of the body and groups of people that may have deficiencies; Recommended Daily Intakes (RDI); 100gms comparisons
Health conditions and age groups - knowing the main health conditions and age groups and their dietary and nutritional needs is the backbone of the nutrition element of the written exam and the course.
Food Hygiene and safety – ‘the danger zone’, temperature testing of meat, contamination, bacteria, preparing food in a kitchen
Function of ingredients and their changing properties – What does flour do in a product? How do different fats affect the baked product? What happens to an ingredient when its properties are changed through cooking or baking?

Suggested Activities:

<p>Vitamins and Minerals</p> <p>Watch the pods shown below on Vitamins and Minerals- make notes to help you recall the sources and functions of them along with the effects of deficiency and excess. Visit food fact of life, link below, completing the quizzes.</p> <ul style="list-style-type: none"> You should be able to recall: Fat Soluble- Vitamins A, D, E and K Water Soluble- B group (Thiamin, riboflavin, niacin and folic acid) and Vitamin C. Minerals- Iron, Calcium, sodium, iodine and phosphorus. <p>Click the link:</p> <p>https://members.gcsepod.com/shared/podcasts/title/7901/52697</p> <p>https://members.gcsepod.com/shared/podcasts/title/7901/52697</p> <p>http://www.foodafactoflife.org.uk/section.aspx?t=109&siteId=19&sectionId=75</p>
<p>Danger Zone - Food Safety</p> <p>Revisit your class notes, you need to be able to describe what micro-organisms are doing at the following temperatures:</p> <ul style="list-style-type: none"> -18 degrees 1-5 degrees 37 degrees 63 degrees 75 degrees and above <p>Be able to explain the difference between ‘best before’ and ‘use by’ and be able to give examples of foods that only have ‘use by’ dates on and the reason for this.</p> <p>You also need to be aware of the temperatures of a standard home freezer and fridge. Why are ambient foods able to be store in the cupboard?</p>

<p>Be aware of how to use a temperature probe.</p> <p>Click the link: https://www.food.gov.uk/safety-hygiene/chilling</p>
<p>UK lifestyle food choices and health conditions.</p> <ul style="list-style-type: none"> • Type 2 diabetes, coronary heart disease (CHD), osteoporosis, obesity • High salt and sugar foods sold by supermarkets • Genetically modified (GM) foods; organic foods
<p>Making and baking a product and problems seen when food is prepared.</p> <p>Taking for example a product such as a Victoria sponge, what are some of the issues that occur and why when baking. Why might the sponge be too dry? Why does butter need to coat flour when mixed? What happens if the ratio of ingredients aren't weighed accurately? Why might a sponge have large air pockets or be too soggy? Use the following headings when answering usually on a sauce, pastry, bread or baked product.</p> <ul style="list-style-type: none"> • Problem • Causes of problem • Prevention
<p>Changing properties of foods.</p> <p>Focus on products and ingredients that change their properties when heat is applied or they are combined with other ingredients. Know and apply these terms:</p> <ul style="list-style-type: none"> • Caramelisation • Emulsification • Gelatinisation • Aeration • Raising agents
<p>Understanding how to approach a nutrition comparison is the focus for this week. What does the table of information tell you and what are the two menus or products you are asked to comment on their suitability for a given health or age group? Use the following filter to apply in these comparisons for this longer answer question usually worth 12 marks.</p> <ul style="list-style-type: none"> • State, data, compare, link (health and age group) <ol style="list-style-type: none"> 1. State: Write down the ingredient you are commenting on and comparing in your menu. 2. Data: What is the specific number ? (<i>mg/kcal/g/%</i> - what is the numerical difference between the two ingredients/nutrition?) 3. Compare: Make the comparison between the two menus. Refer to the RDI for the person you are asked to comment on, to state the answer which in your opinion is the most suitable menu. 4. Link: Link in the benefits of your chosen or preferred menu to the individual's health and age group within your answer, then you have covered the main aspects of this question. <p>Click the link: http://www.foodafactoflife.org.uk/section.aspx?t=75&siteId=19&sectionId=81</p>
<p>Food Provenance- GM, Food Miles, locally sourced</p> <p>Using the links below, complete the quizzes and watch the video on YouTube using the link below. You need to be able to define and discuss the pros and cons of the following:</p> <ul style="list-style-type: none"> • Genetically modified foods • Food miles • Locally sourced foods • Seasonality

- Staple foods

Click the link:

<http://www.foodafactoflife.org.uk/section.aspx?t=109&siteId=19§ionId=92>

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



Subject: Design Technology

Paper(s):

- Design Technology, Timber 1F (1 hour 45 minutes)

Revision priorities:

<p>Numeracy – The following list is not exhaustive but forms the backbone of numeracy that in the written examination; area of a shape (rectangle, circle); volume of a shape; Pi ; decimal places; percentage % increase and decrease; ratio; scale. Extended calculations with multiple steps are required. Numeracy forms about 10% of the marks for GCSE.</p> <p>Bring a calculator.</p> <p>Show all workings out.</p>
<p>Explain – a key examination term used worth 2 marks. Make your point, justify or expand why you have chosen your answer</p>
<p>Draw in pencil, write in pen.</p>
<p>Attempt every question.</p>
<p>Environmental, ethical and sustainability – longer style questions towards the end of the paper invite you into extended written answers and up to 5% of the marks for the GCSE.</p>
<p>CORE – Section A: familiarity with broader materials (metal, polymers, textiles, smart materials, paper and boards) and their properties, as well as the design process and aspects that a designer would consider when designing: power generation; power use; design and designers.</p>
<p>TIMBER – Section B: the theme for the specialism for Design Technology. Familiarity with this section of the subject book forms 80% of the written exam. Application of timbers knowledge in design style questions - “How would you join a piece of wood and what type of fastening would you use? Draw your answer and label”</p>

Suggested Activities:

<p>Cams, gears and types of motion.</p> <p>Be sure to understand how they work and have examples of what products you would see them in. Use the moving images to help on technologystudent.com as below. Click the link.</p> <p>http://www.technologystudent.com/forcemom/forcedex.htm</p> <p>http://www.technologystudent.com/gears1/gearindex1.htm</p>
<p>Renewable energy - uses, how it is made, pros and cons.</p> <ul style="list-style-type: none"> • Solar Power • Wind Power • Tidal power <p>Click the link and go half way down the page to find the useful information.</p> <p>http://www.technologystudent.com/despro_fish/NEW_GCSE3.html</p>
<p>CORE – a broader look into design with a range of materials. Use the subject textbook to review the sections on materials and their properties. Pg 26 to 37.</p> <ul style="list-style-type: none"> • Properties: conductive; malleable; ductile; hardness; flexibility; waterproof etc <p>Using the in class ‘weekly tests’ you have completed, these are the basis of the questions for the CORE section.</p>

Click the link:

<https://members.gcsepod.com/shared/podcasts/title/7905/52726>

<https://members.gcsepod.com/shared/podcasts/title/7892>

Section B - Designing – changes and improvements

These questions give you a bulleted list of requirements (specification) that you must include within a design to improve or change it.

What to do in the exam?

Always use these bullets as the basis for your design improvements. Sketch out a small/mini drawing of what you are going to do to answer the question. Then using a pencil draw in your design. Ensure that you refer to each of the bullets and label and annotate/describe what you have done and why.

Section B – finishes and processes

Understanding and being able to describe the process of taking a rough sawn piece of timber and applying. These questions usually invite you to sketch how you would complete this process.

- Use arrows or numbers to suggest a flow within the process.
- Write bulleted descriptions of what the steps are

Questions: What are the individual steps to prepare and finish wood? How is varnish or stain applied?

Click the link:

<https://members.gcsepod.com/shared/podcasts/title/7889>

Section B – Environmental, Sustainability and Economic factors (ESE); production processes and modern manufacturing processes

These longer answer questions ask you to write why these elements are important and how they can be considered when designing. Include:

- Raw material extraction
- Transportation across the world/locally
- Manufacturing and the impact of local jobs and employment
- Ethical and sustainable issues

Click the link:

http://www.technologystudent.com/despro_flash/NEW_GCSE3.html

Subject: Music

Paper(s):



- Listening/Understanding 1 hour
- Recorded solo or ensemble performance
- Composition Free and to Brief

Suggested Activities:

AOS 1 Western Classical Tradition 1650-1910 revision using Focus on Sound. Produce flash cards using the revision slides on website and test. Highlight characteristic elements and musical terminology for this period. **STUDY PIECE** Mozart Clarinet Concerto in A Major Movement 3. *GCSE POD MUSIC THEORY (Getting ready for GCSE 11 podcasts).*

Musical Element Revision **MELODY** [Intervals - Melody - AQA - GCSE Music Revision - AQA - BBC Bitesize](#)

Musical terminology research using word-wall/glossary

AOS 1 Western Classical Tradition 1650-1910 revision using BBC Bitesize and Focus on Sound. Produce/Revise flash cards using the revision slides on website and test. Highlight characteristic elements and musical terminology for this period. **STUDY PIECE** Mozart Clarinet Concerto in A Major Movement 3. *GCSE POD MUSIC THEORY (Getting ready for GCSE 11 podcasts)*

Musical Element Revision **STRUCTURE** [Structures - Structure - AQA - GCSE Music Revision - AQA - BBC Bitesize](#)

Musical terminology research using wordwall/glossary

AOS 1 Western Classical Tradition 1650-1910 revision using BBC Bitesize and Focus on Sound. Revise flash cards using the revision slides on website and test. Highlight characteristic elements and musical terminology for this period. **STUDY PIECE** Mozart Clarinet Concerto in A Major Movement 3. *GCSE POD MUSIC THEORY (Getting ready for GCSE 11 podcasts)*

Musical Element Revision **HARMONY and TONALITY** [Chords - Harmony and tonality - AQA - GCSE Music Revision - AQA - BBC Bitesize](#)

Musical terminology research using wordwall/glossary

AOS 2 Popular Music revision using BBC Bitesize and Focus on Sound. Produce flash cards using the revision slides on website and test. Highlight characteristic elements and musical terminology for this period. **STUDY PIECES** Little Shop of Horrors 1982 Off Broadway Opening Number/Prelude, Mushnik and Son, Feed Me/Get It. *GCSE POD MUSIC THEORY (Getting ready for GCSE 11 podcasts)*

Musical Element Revision **METRE/RHYTHM** [Metre and rhythm - Tempo, metre and rhythm - AQA - GCSE Music Revision - AQA - BBC Bitesize](#)

Musical terminology research using wordwall/glossary

AOS 2 Popular Music revision using BBC Bitesize and Focus on Sound. Produce/Revise flash cards using the revision slides on website and test. Highlight characteristic elements and musical terminology for this period. **STUDY PIECES.** Little Shop of Horrors 1982 Off Broadway Opening Number/Prelude, Mushnik and Son, Feed Me/Get It. *GCSE POD MUSIC THEORY (Getting ready for GCSE 11 podcasts)*

Musical Element Revision **DYNAMICS AND ARTICULATION** [Dynamics - Dynamics and articulation - AQA - GCSE Music Revision - AQA - BBC Bitesize](#)

Musical terminology research using wordwall/glossary

AOS 2 Popular Music revision using BBC Bitesize and Focus on Sound. Revise flash cards using the revision slides on website and test. Highlight characteristic elements and musical terminology for

this period. **STUDY PIECES** Paul Simon Graceland, Diamonds on the Sole of Her Shoes, You Can Call Me Al. *GCSE POD MUSIC THEORY (Getting ready for GCSE 11 podcasts)*

Musical Element Revision **SONORITY/TIMBRE** [Sonority \(Timbre\) - Sonority \(Timbre\) - AQA - GCSE Music Revision - AQA - BBC Bitesize](#)

Musical terminology research using wordwall/glossary and Focus on Sound.

AOS 3 Traditional revision using BBC Bitesize. Produce flash cards using the revision slides on website and test. Highlight characteristic elements and musical terminology for this period.

STUDY PIECES Paul Simon Graceland, Diamonds on the Sole of Her Shoes, You Can Call Me Al. *GCSE POD MUSIC THEORY (Getting ready for GCSE 11 podcasts)*

Musical Element Revision **TEXTURE** [Texture - Texture - AQA - GCSE Music Revision - AQA - BBC Bitesize](#)

Musical terminology research using wordwall/glossary

AOS 3 Traditional revision using BBC Bitesize and Focus on Sound. Produce/Revise flash cards using the revision slides on website and test. Highlight characteristic elements and musical terminology for this period. **STUDY PIECES** Kodaly Hary Janos Intermezzo Battle and Defeat of Napoleon. *GCSE POD MUSIC THEORY (Getting ready for GCSE 11 podcasts)*

Musical Element Revision **NOTATION** [Notation - Notation - AQA - GCSE Music Revision - AQA - BBC Bitesize](#)

Musical terminology research using wordwall/glossary

AOS 3 Traditional revision using BBC Bitesize and Focus on Sound. Revise flash cards using the revision slides on website and test. Highlight characteristic elements and musical terminology for this period. **STUDY PIECES** Kodaly Hary Janos Intermezzo Battle and Defeat of Napoleon. *GCSE POD MUSIC THEORY (Getting ready for GCSE 11 podcasts)*

Consolidation of AOS1/2/3/4

Musical terminology/elements

AOS 1 Western Classical Tradition 1650-1910 Compulsory. All AOS flashcards analysing set works and characteristics of genre/style. Dictation/Interval practice www.musicca.com. Key Signature recognition and aural training www.mussica.com.

Subject: Computer Science

Exam Board: OCR J277

Revision priorities

Topics to revise for the mock are written in bold

- 1.1.1 Architecture of the CPU
- 1.1.2 CPU Performance
- 1.1.3 Embedded systems
- 1.2.1 Primary storage (Memory)
- 1.2.2 Secondary storage
- 1.2.3 Units
- 1.2.4 Data storage
- 1.2.5 Compression
- 1.3.1 Networks and topologies
- ~~1.3.2 Wired and wireless networks, protocols and layers~~
- ~~1.4.1 Threats to computer systems and networks~~
- ~~1.4.2 Identifying and preventing vulnerabilities~~
- ~~1.5.1 Operating systems~~
- ~~1.5.2 Utility software~~
- ~~1.6.1 Ethical, legal, cultural and environmental impact~~
- 2.1.1 Computational thinking
- 2.1.2 Designing, creating and refining algorithms
- 2.1.3 Searching and sorting algorithms
- 2.2.1 Programming fundamentals
- 2.2.2 Data types
- 2.2.3 Additional programming techniques
- 2.3.1 Defensive design
- 2.3.2 Testing
- 2.4.1 Boolean logic
- 2.5.1 Languages
- ~~2.5.2 The Integrated Development Environment (IDE)~~

Suggested Activities:

Check and review all the workbooks that you have completed on your TEAMS and notes in your "homework" book:

- ***Please refer to the student overview which has videos for all of the topics highlighted.***
[Student-Overview-CS-2023.pdf](#)
- *Go over any topics that you think you need to.*
- *(Re-)Write out key points onto revision cards*
- *Look over Mock papers and feedback to remind yourself of areas of weakness.*

Use SmartRevise: Aim at doing work in 10-minute sessions:

- *10 mins on quiz questions (20 -25 Questions)*
- *10 mins on definitions (self-assessing, Red, Amber, Green)*
- *10 mins on longer exam questions (especially SLR 6)*
- *10 mins reviewing "Red" definitions from a previous session(s)*
- *Remember to use filtering to focus revision on topics as appropriate*

Use GCSEPod, playlists available for all SLRs on Teams

Use SharePoint (revision slides and Revision cards available to download)

Use IsaacComputerScience.org

Programming: Work through the Python Course on Seneca

- You can use Seneca to support your revision throughout this sequence of revision sessions.
- On Seneca: <https://app.senecalearning.com/dashboard/join-class/n0gg2utfq1> or use class code
- Use Craig and Dave, Telium project.
- Use Codemarker.uk

Practice Papers: There are limited resources on the OCR website but the old spec is not too dissimilar. Mark schemes are also available so you can mark your own paper.

Subject: Information Technology

Exam Board: OCR 368

Paper(s):

- R050 - Written paper 1 hour30 mins

Revision priorities

1.1 Types of design tools (flow charts)
2.1 The purpose of HCI
2.2 Hardware considerations
2.4 User interaction methods
3.1 Information and data
3.2.1 The use of data types in different contexts
3.2.3 Data validation tools
3.4 Storage of collected data
3.5.2 Test data
4.1 Threats
4.3 Prevention measures
4.4. Legislation related to the use of IT systems
5.1 Digital communication types
5.3 Digital devices
5.4.2 Distribution channel connectivity
5.5 Audience demographics
6.1 Use of the Internet of Everything
6.2 Application of IoE

Suggested Activities:

<p>Check and review all the printed workbooks and those that you have completed on Teams:</p> <ul style="list-style-type: none"> ▪ Go over any topics that you think you need to. ▪ (Re-)Write out key points onto revision cards
<p>Access the lesson PowerPoints and all resources on your class SharePoint:</p> <ul style="list-style-type: none"> ▪ R050 :IT in the Digital World
<p>Use your printed revision guide (digital version is also on SharePoint) You also have digital version of Revision cards on the SharePoint.</p>
<p>GCSE Pod – https://members.gcsepod.com/pupils/assignments/assignment/1122399 There are 22 short videos to refresh your understanding of this topic. Watch the pods and make notes on revision cards. There are 55 questions you can answer too! Link on SMHW</p>
<p>BBC Bitesize - https://www.bbc.co.uk/bitesize/guides/z4b3pg8/revision/1 Revise the key knowledge presented on bitesize.</p>
<p>Access the eBook for your course on Boost Learning, you can also download the App to a smartphone or tablet if you have not already done so, the relevant pages are 2-89: https://boost-learning.com/weblink/iSAilubOFTVYN2jr Complete the exam practice questions on pages 7, 18, 33, 53, 87.</p>

Subject: Health and Social Care

Paper(s):

- Unit R032 – 1 hour 15 minutes

Revision priorities:

The rights of service users in health and social care settings	Types of care settings The rights of service users The benefits to service users' health and well-being when their rights are maintained
Person-centred values	Person-centred values and how they are applied by service providers Benefits of applying person-centred values Effects of service users' health and well-being if person-centred values are not applied
Effective communication in health and social care settings	The importance of verbal communication skills in health and social care settings The importance of non-verbal communication skills in health and social care settings The importance of active listening in health and social care settings The importance of special methods of communication in health and social care settings The importance of effective communication in health and social care settings
Protecting service users and service providers in health and social care settings	Safeguarding Infection prevention Safety procedures and measures How security measures protect service users and staff

Suggested Activities:

<ul style="list-style-type: none"> Create a mind map of healthcare and social care settings. Write down two examples each of the type of care provided by healthcare settings and social care settings. <p>EXT – A community centre for young adults with learning disabilities is an example of a social care setting. Identify two other, different, examples of social care settings. (2 marks)</p>
<ul style="list-style-type: none"> Create a mind map of the rights of service users (choice, confidentiality, consultation, equal and fair treatment and protection from abuse and harm). Provide examples of how each of these are demonstrated in both a healthcare and social care settings. <p>EXT – Write a definition that explains the meaning of 'person-centred care'. (3 marks)</p>
<ul style="list-style-type: none"> Create a table that explains the benefits of rights being maintained. Create a table to explain the effects on service users if person-centred values of care are not applied in relation to P.I.E.S <p>EXT – Faiza works for social services. Every day she visits Anna, who lives in her own home and has had a stroke. While Anna recovers, she receives help from Faiza with bathing, dressing and preparing meals.</p>

Anna has rights. For each right in the table below, identify an example of how it could be maintained by Faiza. The first example has been done for you.

Right	How the right can be maintained
Equal and fair treatment	Faiza should carry out an assessment of Anna's needs so that she can have appropriate care
Choice	
Confidentiality	
Consultation	

(3 marks)

- Create a table that explains the benefits of rights being maintained.
- Create a table to explain the effects on service users if person-centred values of care are not applied in relation to P.I.E.S

EXT

Linda is a nurse working on a busy hospital ward. Identify four of the six C's that Linda should apply when caring for her patients. (4 marks)

- Summarise how staff with good communication skills empower service users
- Summarise the impacts on service users of staff with poor communication skills

EXT

There are situations when service users need help of an advocate. Give two examples of service users who might need an advocate and explain the role of an advocate (8 marks)

- Create a mindmap of the service users who are most at harm or risk of abuse
- Summarise the different types of abuse
- Explain each of the five R's to help staff develop awareness of their responsibilities regarding safeguarding (Recognise, Respond, Report, Record, Refer)

EXT

Explain reasons for staff applying to work in a residential care home for young adults with learning disabilities having Disclosure and Barring Service (DBS) checks before being employed (8 marks)

- Create a mind map of personal hygiene measures
- Explain why it is important for service providers to wear Personal Protective Equipment (PPE)

EXT

Create a poster explaining the correct hand washing procedure

- Research the Health & Safety (first aid) Regulations
- Research the Manual handling regulations

EXT

Create a quiz about health and safety in care settings.