

Y11 Revision Lists 2024

This booklet contains lists of what you need to revise for your summer GCSE exams

Each subject has broken down its content into '**1 hour revision slots**'. The content you may be tested on in your **Spring Term mocks is shaded grey**.

It also contains links to resources and GCSE pods to help you.

Your teachers will support you with techniques to help you use this booklet and revise.

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English Language

	Content Overview	Small Steps	Resources links	GCSE Pod link
1	English Language - Paper 1 Reading carefully - Q1	<ol style="list-style-type: none"> 1. Read a practice text and check your knowledge of key words 2. Complete a 'list 4 things' question 3. Repeat these steps with various fiction texts 	Practice texts are in class or on Class Charts	
2	English Language Paper 1 Q2 & Q4	<ol style="list-style-type: none"> 1. Use the 'Paper 1 reminders' sheet or a practice paper to remind yourself of the steps for each question 2. Revise key language techniques (SPOAM) 3. Read a practice text and label any language techniques 4. Practice writing an answer in the time frame (10 mins for Q2 & 20 mins for Q4) 5. Bring your responses in to your teacher to check 	Practice texts are in class or on Class Charts https://www.bbc.co.uk/bitesize/guides/z839dmn/revision/1	https://members.gcsepod.com/shared/podcasts/title/14256/85124
3	English Language Paper 1 Q3	<ol style="list-style-type: none"> 1. Use the paper 1 reminders sheet or a practice paper to remind yourself of the question 2. Revise structural techniques (exposition etc, foreshadowing, focus, shift) 3. Use a practice question to spot structural techniques; you can also do this with films 4. Practice completing a response in the time (10 mins) 5. Bring this in for your teacher to check 	Practice texts are in class or on Class Charts	https://members.gcsepod.com/shared/podcasts/title/14256/85130
4	English Language Paper 1 Section B - techniques & punctuation	<ol style="list-style-type: none"> 1. Recap expectations for question 5 paper 1 2. Learn drop, shift, zoom, link 3. Create some similes, metaphors etc. for your story 4. Use the worksheets or bitesize to recap punctuation 5. Practice writing sentences with difficult punctuation 	Practice texts are in class or on Class Charts https://www.bbc.co.uk/bitesize/guides/zc2sv4j/revision/1	https://members.gcsepod.com/shared/podcasts/title/14257/85133 https://members.gcsepod.com/content?subject_id=6061&exam_board_id=1010&topic_id=9380

5	English Language Paper 1 Section B - paragraphs and sentences	<ol style="list-style-type: none"> 1. Revise how to use paragraphs 2. Revise the different sentence types 3. Practice writing a response in the time (45 mins) 4. Bring this in for your teacher to check 	<p>Practice texts are in class or on Class Charts</p> <p>https://www.bbc.co.uk/bitesize/guides/z839dmn/revision/1</p>	<p>https://members.gcsepod.com/shared/podcasts/title/14257/85133</p>
6	English Language - Paper 2 Reading carefully - Q1	<ol style="list-style-type: none"> 1. Read a practice text and check your knowledge of key words 2. Complete a 'list 4 things' question 3. Repeat these steps with various non-fiction texts 	<p>Practice texts are in class or on Class Charts</p> <p>https://www.bbc.co.uk/bitesize/guides/zxsc7h/revision/1</p>	
7	English Language Paper 2 Q3	<ol style="list-style-type: none"> 1. Use your paper 2 reminders sheet or a practice paper to remind you of this question 2. Check you know what 'language' means and how to structure this question 3. Revise DAFOREST techniques and practice spotting them 4 Practice a response in the time limit (12 - 15 mins) 5. Bring this in for your teacher to check 	<p>Practice texts are in class or on Class Charts</p> <p>https://www.bbc.co.uk/bitesize/guides/zq6vg82/revision/1</p>	<p>https://members.gcsepod.com/shared/podcasts/title/14256/85129</p>

8	English Language Paper 2 Q2 & 4	<ol style="list-style-type: none"> 1. Use your paper 2 reminders sheet or a practice paper to remind you of this question 2. Check you know what 'summary' means and how to structure this question 3. Check you can identify the writer's viewpoint and complete a plan for Q4 4. Practice a response in the time limit (10 mins for Q2 & 15 mins for Q4) 5. Bring this in for your teacher to check 	<p>Practice texts are in class or on Class Charts</p> <p>https://www.bbc.co.uk/bitesize/guides/zsgw7hv/revision/1</p>	<p>https://members.gcsepod.com/shared/podcasts/title/14256/85125</p>
9	English Language Paper 2 Section B - techniques	<ol style="list-style-type: none"> 1. Recap expectations for question 5 paper 2 2. Plan a response with 3 clear response 3. Create some DAFOREST for your article 4. Practice writing a response in the time (45 mins) 5. Bring this in for your teacher to check 	<p>Practice texts are in class or on Class Charts</p>	<p>https://members.gcsepod.com/shared/podcasts/title/14258/85135</p>

English literature

	1 hour revision slot	Small Steps	Resources links	GCSE Pod link
1	An Inspector Calls - Plot & Context	1. Ensure you understand the plot/events of AIC 2. Create mind maps for the context elements including political ideology, class system and the wars 3. Revise a brief biography of J Priestley	https://www.youtube.com/watch?v=qsREsyQUjDk	https://members.gcsepod.com/shared/podcasts/title/10265/62803 https://members.gcsepod.com/shared/podcasts/title/10265/62805
2	An Inspector Calls - Characters: Mr & Mrs Birling	1. Revise the role of Mr Birling 2. Learn key quotes for Mr Birling 3. Explain how & why Birling is used as a dramatic device 4. Revise the role/events linked to Mrs Birling 5. Learn key quotes for Mrs Birling 6. Explain what Mrs Birling represents & why	https://www.youtube.com/watch?v=KvhiaECGjTY	https://members.gcsepod.com/shared/podcasts/title/10265/62797 https://members.gcsepod.com/shared/podcasts/title/10265/62798
3	An Inspector Calls - Characters: Sheila, Gerald & Eric	1. Revise the role of Sheila 2. Revise key quotes for Sheila 3. Explain how/why Sheila changes 4. Revise the role of Gerald 5. Learn key quotes for Gerald 6. Revist your Gerald essay 7. Revise the role of Eric 8. Learn key quotes for Eric 9, Explain what Eric represents and why	https://www.youtube.com/watch?v=8TdZtpuDB_Q	https://members.gcsepod.com/shared/podcasts/title/10265/62799 https://members.gcsepod.com/shared/podcasts/title/10265/62800 https://members.gcsepod.com/shared/podcasts/title/10265/62801

4	An Inspector Calls - Characters: Inspector Goole	<ol style="list-style-type: none"> 1. Revise the role of the Inspector - including alternative 2. Learn key quotes for the Inspector 3. Explain the Inspector's message/aim and link to the writer 		https://members.gcsepod.com/shared/podcasts/title/10265/62802
5	An Inspector Calls - Themes	<ol style="list-style-type: none"> 1. Create a mind map for the themes in the play including: class, gender, responsibility, generations 2. Link each theme to a character 3. Learn quotes to go with each theme 	<p>- Find practice exam questions either in class or as a flexible task on SMHW</p>	https://members.gcsepod.com/shared/podcasts/title/10265/62827 https://members.gcsepod.com/shared/podcasts/title/10265/62828 https://members.gcsepod.com/shared/podcasts/title/10265/62832
6	Jekyll and Hyde - Context & Plot	<ol style="list-style-type: none"> 1. Ensure you understand the plot/events of J&H 2. Create a mind map for the context of the text focusing on: duality, evolution and identity 3. Explain Darwinism and Freud's psychological theory 4. Create a brief biography for Stevenson 	https://www.youtube.com/watch?v=AVZv6TJ7ZUA	https://members.gcsepod.com/shared/podcasts/title/10339/63506 https://members.gcsepod.com/shared/podcasts/title/10339/63508 https://members.gcsepod.com/shared/podcasts/title/10339/63509

7	Jekyll and Hyde - Character: Utterson, Enfield, Lanyon	<ol style="list-style-type: none"> 1. Revise the role of Utterson 2. Learn key quotes for Utterson 3. Explain what he represents and why he is the narrator 4. Revise the role of Lanyon 5. Learn key quotes for Lanyon 6. Explain what Lanyon represents and why he is in the story 7. Explain who Enfield is and why he is important 		https://members.gcsepod.com/shared/podcasts/title/10339/63515 https://members.gcsepod.com/shared/podcasts/title/10339/63516 https://members.gcsepod.com/shared/podcasts/title/10339/63514
8	Jekyll and Hyde - Character: Jekyll & Hyde	<ol style="list-style-type: none"> 1. Ensure you know Jekyll and Hyde are THE SAME PERSON. 2. Create a timeline of events for Jekyll and Hyde 3. Explain why Jekyll becomes Hyde 4. Create a character profile for each one 5. Explain why Jekyll kills himself at the end of the story 	https://www.youtube.com/watch?v=B1mbiToIYZ8	https://members.gcsepod.com/shared/podcasts/title/10339/63513 https://members.gcsepod.com/shared/podcasts/title/10339/63512
9	Jekyll and Hyde - Themes	<ol style="list-style-type: none"> 1. Create a mind map for the key themes including: duality, religion/science, moral responsibility, good vs evil 2. Learn quotes for each theme 	<p>- Find practice exam questions either in class or as a flexible task on SMHW</p>	https://members.gcsepod.com/shared/podcasts/title/10339/63518 https://members.gcsepod.com/shared/podcasts/title/10339/63517 https://members.gcsepod.com/shared/podcasts/title/10339/63519

10	Macbeth - Context & Plot	<ol style="list-style-type: none"> 1. Ensure you understand the plot/events in Macbeth 2. Create a timeline for what happens in each act 3. Explain the context of the play focusing on: James I, witches, gender and power 		https://members.gcsepod.com/shared/podcasts/title/11734/72445
11	Macbeth - Character: Macbeth & L Macbeth, Witches, Banquo	<ol style="list-style-type: none"> 1. Revise the role of Macbeth 2. Learn key quotes for Macbeth 3. Explain what he teaches the audience 4. Revise the role of Lady Macbeth 5. Learn key quotes for Lady Macbeth 6. Explain what she represents 	https://www.youtube.com/watch?v=NmMAO82R8Cg	https://members.gcsepod.com/shared/podcasts/title/11734/72452 https://members.gcsepod.com/shared/podcasts/title/11734/72453
12	Macbeth - Character: Macduff, L Macduff & Malcolm	<ol style="list-style-type: none"> 1. Revise the roles of the Macduffs 2. Learn key quotes for them 3. Explain how they are foils and why 4. Revise the role of Malcolm 5. Learn key quotes for Malcolm 6. Explain what Malcolm shows about kingship and why 		https://members.gcsepod.com/shared/podcasts/title/11734/72456
13	Macbeth - Themes	<ol style="list-style-type: none"> 1. Create a mind map for the key themes including: supernatural, gender, power/violence, kingship 2. Link each theme to a character 3. Learn quotes to go with each theme 	- Find practice exam questions either in class or as a flexible task on SMHW	https://members.gcsepod.com/shared/podcasts/title/11734/72452 https://members.gcsepod.com/shared/podcasts/title/11734/72460
14	Unseen Poetry	<ol style="list-style-type: none"> 1. Revise the MATE steps 2. Revise poetic techniques including: enjambment, caesura, stanza, repetition, extended metaphor 3. Use the poems to practice annotating and understanding unseen poems 	- Find practice exam questions either in class or as a flexible task on SMHW	https://members.gcsepod.com/shared/podcasts/title/10338/63500

Additional Info: you have past papers available for English Language. Pleaes collect these from your class teacher if you need them.

Please use the **study support plan** given to you by your teacher, which outlines your specific topic content, revision sessions, Sparx homework and practice papers as a priority for maths.

Mathematics - Shine for Nine				
	Content Overview	Small Steps	Sparx Codes	GCSE Pod link
1	Recurring decimal to fraction	Convert recurring decimals to fractions	U689	https://members.gcsepod.com/shared/podcasts/title/10209/63369
2	Quadratic inequalities	Factorise quadratic expressions; factorise and solve inequalities; sketch quadratics	U133	https://members.gcsepod.com/shared/podcasts/title/10190/62455
3	Equations of a circle	Use the general form for the equation of a circle and find the equations of radii and tangents	U567	https://members.gcsepod.com/shared/podcasts/title/10192/62877
4	Completing the square	Solve quadratics using completing the square; working with surds	U397	https://members.gcsepod.com/shared/podcasts/title/13627/82173
5	Rationalise the denominator	Use skills involving manipulating surds to ensure the denominator is a rational number	U707/U281	https://members.gcsepod.com/shared/podcasts/title/10215/62485
6	Upper and lower bound calculations	Use bounds to perform calculations	U657/U587	https://members.gcsepod.com/shared/podcasts/title/10206/62856
7	Manipulating algebraic fractions	Factorise expressions to simplify algebraic fractions; manipulate algebra to apply the four operations	U103/U437/U294	https://members.gcsepod.com/shared/podcasts/title/10187/62439
8	Solving simultaneous equations	Use substitution to solve a pair of linear and non-linear equations	U547	https://members.gcsepod.com/shared/podcasts/title/10190/62451

9	Solving with algebraic fractions	Building on week 7, solve equations with algebraic fractions	U685/U457/U824	https://members.gcsepod.com/shared/podcasts/title/10187/62439
10	Circle theorems	Develop reasoning and communication to identify and use circle theorems	U130/U808	https://members.gcsepod.com/shared/podcasts/title/10198/63397
11	Non right-angled trigonometry	Apply sine/cosine rule to non right-angled triangles; solve in the context of multi-step problems	U952/U591	https://members.gcsepod.com/shared/podcasts/title/13627/82184
12	Area of a triangle (sine)	Calculate the area of a triangle using trigonometry	U592	https://members.gcsepod.com/shared/podcasts/title/13627/82185
13	Transforming graphs	Be able to transform graphs, including translations and reflections in the x and y-axis	U455	https://members.gcsepod.com/shared/podcasts/title/13627/82186
14	Area under a curve	Use the trapezium rule to find the area under a curve; know that this represents distance.	U882	https://members.gcsepod.com/shared/podcasts/title/10192/62873
15	Iteration	Use a calculator effectively to apply the iterative process to a problem	U434/U168	https://members.gcsepod.com/shared/podcasts/title/10190/62453

Mathematics - Fix for Six				
	Content Overview	Small Steps	Sparx Codes	GCSE Pod link
1	Basic circle theorems	Develop reasoning and communication to identify and use circle theorems	U459/U251	https://members.gcsepod.com/shared/podcasts/title/10198/63397

2	Equations of a line	Use $y = mx + c$ to find gradients and equations of parallel and perpendicular lines	U898	https://members.gcsepod.com/shared/podcasts/title/10192/62870
3	Quadratic formula	Use the quadratic formula to solve quadratics	U665	https://members.gcsepod.com/shared/podcasts/title/10190/62447
4	Manipulating surds	Simplify surds using square factors and apply this to contexts like expanding brackets	U338/U499/U872	https://members.gcsepod.com/shared/podcasts/title/10215/62484
5	Upper and lower bounds	Use inequalities to represent upper and lower bounds given a degree of accuracy	U657	https://members.gcsepod.com/shared/podcasts/title/10206/62855
6	Reverse percentages	Perform inverse calculations to find the original amount	U286	https://members.gcsepod.com/shared/podcasts/title/10214/62491
7	Solving simultaneous equations	Solve a pair of linear simultaneous equations using methods such as substitution and elimination	U757/U760	https://members.gcsepod.com/shared/podcasts/title/10190/62449
8	Volume of 3D shapes	Find the volume of 3D shapes including spheres and cones	U786/U174/U426/U484	https://members.gcsepod.com/shared/podcasts/title/10201/63389
9	Direct and inverse proportion (algebraically)	Use an algebraic method to work with direct and inverse proportion	U721/U357	https://members.gcsepod.com/shared/podcasts/title/12443/76436
10	Nth term of a quadratic sequence	Find the nth term of a quadratic sequence	U206	https://members.gcsepod.com/shared/podcasts/title/10195/62899
11	Non right-angled trigonometry	Apply sine/cosine rule to non right-angled triangles; solve in the context of multi-step problems	U952/U591	https://members.gcsepod.com/shared/podcasts/title/13627/82184

12	Cumulative frequency and box plots	Draw and interpret these graphs and work with interquartile ranges	U182/U507/U879	https://members.gcsepod.com/shared/podcasts/title/10221/62764
13	Histograms	Draw and interpret histograms and work with frequency density and area to find frequency	U185/U814	https://members.gcsepod.com/shared/podcasts/title/10221/62764
14	Area of sectors and arc lengths	Calculate area/perimeter of sectors of a whole circle	U221/U373	https://members.gcsepod.com/shared/podcasts/title/10201/63386
15	Exam techniques	Learn how to approach exam questions and understand the structure and what examiners are looking for.	See Class Charts for AQA Specimen Papers	

Mathematics - Strive for Five				
	Content Overview	Small Steps	Sparx Codes	GCSE Pod link
1	Equations of a straight line	Find gradients and y-intercepts graphically and from two coordinates	U848	https://members.gcsepod.com/shared/podcasts/title/10192/62869
2	Factorising and solving quadratics	Use factorisation to solve quadratics	U228	https://members.gcsepod.com/shared/podcasts/title/13504/81258
3	Laws of indices	Identify and use negative and unit fraction indices	U534/U985	https://members.gcsepod.com/shared/podcasts/title/10215/62482
4	Percentage change	Calculate a percentage increase or decrease	U278	https://members.gcsepod.com/shared/podcasts/title/10214/62490

5	Compound and simple interest	Know the difference between the two types of interest and how to calculate them	U533/U332	https://members.gcsepod.com/shared/podcasts/title/10214/62492
6	Solving equations and inequalities	Use inverse operations to solve equations and inequalities including those with brackets and unknowns on both sides	U870/U738	https://members.gcsepod.com/shared/podcasts/title/10192/62875
7	Surface area of 3D shapes	Calculate the surface area of 3D shapes	U929/U464	https://members.gcsepod.com/shared/podcasts/title/10201/63382
8	Angles in parallel lines	Use reasoning and communication to identify angles in parallel lines	U826	https://members.gcsepod.com/shared/podcasts/title/10198/63395
9	Angles in polygons	Calculate interior and exterior angles in polygons	U427	https://members.gcsepod.com/shared/podcasts/title/10198/63396
10	Right-angled trigonometry	Use the trigonometric ratios to solve length/angle problems of right-angled triangles	U283/U545	https://members.gcsepod.com/shared/podcasts/title/10204/62928
11	Vector journeys	Use vector notation to express a journey between two points	U781	https://members.gcsepod.com/shared/podcasts/title/10200/62495
12	Probability tree diagrams	Complete probability trees for both dependant and conditional probabilities and calculate probabilities using the AND or OR rules	U729/U558/U806	https://members.gcsepod.com/shared/podcasts/title/14052/84440
13	Averages from grouped frequency tables	Interpret grouped frequency tables and calculate an estimate for the mean	U877	https://members.gcsepod.com/shared/podcasts/title/13626/82159
14	Calculations in standard form	Perform calculations in standard form	U290/U264	https://members.gcsepod.com/shared/podcasts/title/10210/62825

15	Exam techniques	Learn how to approach exam questions and understand the structure and what examiners are looking for.	See Class Charts for AQA Specimen Papers
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Mathematics - More for Four				
	Content Overview	Small Steps	Sparx Codes	GCSE Pod link
1	Factorising expressions	Factorise into single brackets	U437	https://members.gcsepod.com/shared/podcasts/title/13626/82141
2	Laws of indices	Know how to apply the power of 0 and the multiplication and division laws	U235	https://members.gcsepod.com/shared/podcasts/title/13454/80875
3	Percentages of amounts	Calculate percentages of amounts with and without a calculator	U554/U349	https://members.gcsepod.com/shared/podcasts/title/10214/62488
4	Four operations with fractions	Work with any fraction calculation	U736/U475/U544	https://members.gcsepod.com/shared/podcasts/title/13626/82144
5	Solving simple equations and inequalities	Use inverse operations to solve one-step and two-step equations	U755/U325/U759	https://members.gcsepod.com/shared/podcasts/title/10192/62875
6	Area of 2D shapes	Calculate the area of any 2D shape	U945/U424/U265/U950/U970	https://members.gcsepod.com/shared/podcasts/title/10201/63382
7	Basic angle facts	Use reasoning skills to calculate missing angles on a straight line, around a point and in simple shapes	U732/U628/U390	https://members.gcsepod.com/shared/podcasts/title/10198/63394

8	Direct and inverse proportion	Use the unitary method to work with direct and inverse proportion	U721	https://members.gcsepod.com/shared/podcasts/title/12443/77234
9	Pythagoras' theorem	Use Pythagoras' theorem to find the hypotenuse or shorter length of a right-angled triangle	U385	https://members.gcsepod.com/shared/podcasts/title/10204/62926
10	Vector calculations	Add, subtract and multiply column vectors	U632/U903/U564	https://members.gcsepod.com/shared/podcasts/title/10200/62495
11	Ratio simplifying and sharing	Simplify ratios and know how to solve the variations of ratio sharing problems	U687/U577	https://members.gcsepod.com/shared/podcasts/title/10216/62809
12	Averages from a list and ungrouped frequency tables	Find the average or range from a list of numbers and from a discrete frequency table	U854/U456/U260/U526/U291	https://members.gcsepod.com/shared/podcasts/title/10217/62946
13	Writing in standard form	Convert numbers between ordinary and standard form	U330/U534	https://members.gcsepod.com/shared/podcasts/title/10210/62825
14	Nth term of a linear sequence	Find the nth term of increasing and decreasing linear sequences	U498	https://members.gcsepod.com/shared/podcasts/title/10195/62891
15	Exam techniques	Learn how to approach exam questions and understand the structure and what examiners are looking for.	See Class Charts for AQA Specimen Papers	

Separate Science Higher Paper 1

1 hour revision slot	Small Steps	BBC Link	Youtube Link	GCSE Pod link
Cell Biology				
1	Eukaryotes and prokaryotes	https://www.bbc.co.uk/bitesize/topics/z2s8v9q	https://www.youtube.com/playlist?list=PL9louNCPbCxVU74eQtCcqbaQdYmwzAnlC	https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8181
	Microscopes and magnification including microscopy			
	Cell specialisation & differentiation			
	Culturing microorganisms			
	<i>Practical - Investigate the effect of antiseptics or antibiotics on bacterial growth</i>			
	Mitosis and the cell cycle			
	Stem cells			
	Diffusion, osmosis and active transport			
Organisation				
2	Digestive system	https://www.bbc.co.uk/bitesize/topics/zwtcng8	https://www.youtube.com/playlist?list=PL9louNCPbCxXGDt3ATU1xM_X_F8JghPCB	https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8182
	<i>Practical - Use qualitative reagents to test for carbohydrates, lipids and proteins</i>			
	<i>Practical - Investigate the effect of pH on the rate of reaction of amylase on starch</i>			
	The circulatory system including components of blood and CHD			
	Healthy lifestyle, the effects of lifestyle, non-communicable diseases and cancer.			
	Plant tissues and organ systems			
Infection and response				
	Communicable diseases	https://www.bbc.co.uk/bitesize/topics/zwtcng8	https://www.youtube.com/playlist?list=PL9louNCPbCxXGDt3ATU1xM_X_F8JghPCB	https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8182
	Human defence system			
	Vaccinations, antibiotics and painkillers			

3	Discovery of drugs and their development	co.uk/bitesize/topics/z9236yc	com/playlist?list=PL9louNCPbCxVQPNgqka5bSs-IWe3L6OD8	com/content?subject_id=6010&exam_board_id=1010&topic_id=8183
	Monoclonal antibodies and their uses			
	Plant diseases and their defence responses			
Bioenergetics				
4	Photosynthesis & factors affecting rate	https://www.bbc.co.uk/bitesize/topics/zgws7p3	https://www.youtube.com/playlist?list=PL9louNCPbCxXVpEqkFRN5Jq8ZZTBBRWUz	https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8184
	<i>Practical – Investigate the effect of light intensity on the rate of photosynthesis</i>			
	Uses of glucose in plants			
	Aerobic, anaerobic respiration and response to exercise			
	Metabolism			
Atomic structure and the periodic table				
5	Atoms, elements and compounds	https://www.bbc.co.uk/bitesize/topics/zxnftv4	https://www.youtube.com/playlist?list=PL9louNCPbCxULWXCO9jt0PsuAbxYpw2_1	https://members.gcsepod.com/content?subject_id=6011&exam_board_id=1010&topic_id=8212
	Mixtures; separation/ purification techniques			
	Development of the model of the atom			
	The atom including; size and mass, relative electrical charges of subatomic particles			
	Relative atomic mass			
	Electronic structure			
	The periodic table			
	Development of the periodic table			
	Metals, transition metals and non-metals			
	Groups 1, 7 and 0 properties and trends			
Bonding, structure and properties of matter				
	Three types of bonds; ionic, covalent and metallic			
	States of matter and state symbols			

6	Properties of ionic compounds	https://www.bbc.co.uk/bitesize/topics/zq6h2nb	https://www.youtube.com/playlist?list=PL9louNCPbCxXmFgiKCM60Sglh-qOG_vIE	https://members.gcsepod.com/content?subject_id=6011&exam_board_id=1010&topic_id=8213
	Properties of small molecules			
	Polymers; bonding and structure			
	Giant covalent structures			
	Properties of metals and alloys			
	Diamond & graphite; structure and properties			
	Graphene and fullerenes; structure and properties & uses			
	Sizes of particles and their properties			
	Uses of nanoparticles			
Quantitative chemistry				
7	Conservation of mass and balanced chemical equations	https://www.bbc.co.uk/bitesize/topics/z87mw6f	https://www.youtube.com/playlist?list=PL9louNCPbCxUhx3FUbr4SNfwmaRB8mYX3	https://members.gcsepod.com/content?subject_id=6011&exam_board_id=1010&topic_id=8214
	Relative formula mass			
	Chemical measurements; estimations of uncertainty/ range around a mean.			
	Moles			
	Amounts of substances in equations			
	Using moles to balance equations			
	Limiting reactants			
	Concentration of solutions			
	Percentage yield			
	Atom economy			
	Using concentrations of solutions mol/dm ³ or g/dm ³			
	Use of amount of substance in relation to volumes of gases			
Chemical changes				
	Metal oxides; production, oxidation, reduction			
	The reactivity series			
	Extraction of metals and reduction			

8	Oxidation and reduction in terms of electrons	https://www.bbc.co.uk/bitesize/topics/zcdj97h	https://www.youtube.com/playlist?list=PL9louNCPbCxXDIRtCQEG0cGehBvJ7t9Pf	https://members.gcsepod.com/content?subject_id=6011&exam_board_id=1010&topic_id=8215
	Neutralisation of acids and salt production			
	<i>Practical - Production of a pure, dry sample of a soluble salt</i>			
	The pH scale, strong and weak acids and neutralisation			
	<i>Practical - Titration to determine the reacting volumes of solutions of a strong acid/ alkali</i>			
	The process of electrolysis			
	Using electrolysis to extract metals			
	<i>Practical - Electrolysis of an aqueous solution using inert electrodes</i>			
Representation of reactions at electrodes as half equations				
Energy changes				
9	Energy transfer during exothermic and endothermic reactions	https://www.bbc.co.uk/bitesize/topics/z34kgdm	https://www.youtube.com/playlist?list=PL9louNCPbCxX74bPfz0TGVVmyGYgMarWu	https://members.gcsepod.com/content?subject_id=6011&exam_board_id=1010&topic_id=8216
	<i>Practical - Investigate variables that affect temperature changes in reacting solutions.</i>			
	Reaction profiles; energy level diagrams			
	The energy change of reactions; breaking and making bonds			
	Cells, batteries and fuel cells			
Energy				
10	Energy stores and systems	https://www.bbc.co.uk/bitesize/topics/zycbsrd	https://www.youtube.com/playlist?list=PL9louNCPbCxWNjJvmaqWZ4vKy4VfcAhsCj	https://members.gcsepod.com/content?subject_id=6023&exam_board_id=1010&topic_id=8084
	Changes in energy			
	Energy changes in systems			
	<i>Practical – Specific Heat Capacity</i>			
	Power			
	Energy transfers in a system (conservation/ dissipation)			
	<i>Practical - Thermal Insulation</i>			
Efficiency				

	National and global energy resources			
Electricity				
11	Standard circuit diagram symbols	https://www.bbc.co.uk/bitesize/topics/zp3ftv4	https://www.youtube.com/playlist?list=PL9louNCPbCxXc2NQolZN7-3jIKN7vW-Sq	https://members.gcsepod.com/content?subject_id=6023&exam_board_id=1010&topic_id=8085
	Electrical charge and current			
	Current, resistance & potential difference			
	<i>Practical - Factors affecting resistance</i>			
	Resistors; ohmic conductors, lamps, diodes, thermistors, LDRs, IV graphs			
	<i>Practical - I-V Characteristics of a variety of circuit elements</i>			
	Series and Parallel circuits			
	Direct and alternating potential difference			
	Mains electricity			
	Energy transfers; Power			
	Energy transfers in everyday appliances			
	The National Grid			
	Static Electricity			
Electric fields				
Particle model of matter				
12	Density of materials	https://www.bbc.co.uk/bitesize/topics/zxsh2nb	https://www.youtube.com/playlist?list=PL9louNCPbCxWdHszkb6n6503ommOpg_t7	https://members.gcsepod.com/content?subject_id=6023&exam_board_id=1010&topic_id=8086
	<i>Practical - Densities of regular and irregular objects</i>			
	Changes of state			
	Internal energy and energy transfers			
	Temperature changes in a system and specific heat capacity			
	Changes of heat and specific latent heat			
	Particle model and pressure			
	Particle motion in gases			
	Pressure in gases			
	Increasing the pressure of a gas			

Atomic structure				
13	Atoms and isotopes	https://www.bbc.co.uk/bitesize/topics/zqtmw6f	https://www.youtube.com/playlist?list=PL9louNCPbCxXTU7zSX4lvJDLrtCEmqEMU	https://members.gcsepod.com/content?subject_id=6023&exam_board_id=1010&topic_id=8087
	Mass number, atomic number and isotopes			
	The development of the model of the atom			
	Atoms and nuclear radiation			
	Radioactive decay and nuclear equations			
	Half-lives and the random nature of radioactive decay			
	Radioactive contamination and background radiation			
	Uses of nuclear radiation			
	Nuclear fission and fusion			

Separate Science Higher Paper 2

1 hour revision slot	Small Steps	BBC Link	Youtube Link	GCSE Pod link
	Homeostasis			
1	Human nervous system; structure and function	https://www.bbc.co.uk/bitesize/topics/zy468mn	https://www.youtube.com/playlist?list=PL9louNCPbCxW3lptxS1yHCP2I9YDfM2co	https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8185
	<i>Practical - Investigate the effect of a factor on human reaction time.</i>			
	The brain; cerebral cortex, cerebellum & medulla, structure and function			
	The eye; structure and function, myopia & hyperopia			
	Control of body temperature			
	Human endocrine system; pituitary gland, pancreas, thyroid, adrenal gland, ovary, testes. Location and function			
	Control of blood sugar concentration			
	Maintaining water and nitrogen balance in the body			
	Hormones in human reproduction			

	Contraception; hormonal and non-hormonal methods			pic_id=8186
	The uses of hormones to treat infertility			
	Negative feedback			
	Plant hormones; control and coordination			
	Use of plant hormones			
Inheritance, variation and evolution				
2	Sexual and asexual reproduction	https://www.bbc.co.uk/bitesize/topics/zpb7cj6	https://www.youtube.com/playlist?list=PL9louNCPbCxWt28Bifo2jK9xn-ym956sf	https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8186
	Meiosis			
	Advantages and disadvantages of sexual and asexual reproduction			
	DNA structure and function; protein synthesis and the genome			
	Genetic inheritance & Inherited disorders			
	Sex determination			
	Variation; inherited and environmental			
	Evolution			
	Selective breeding			
	Genetic engineering			
	Cloning			
	Theory of evolution; Darwin and Lamarck			
	Speciation			
	The understanding of genetics; Mendel's work			
	Evidence for evolution			
	Fossils and extinction			
Resistant bacteria				
Classification of living organisms				
Ecology				
	Communities and levels of organisation			
	Abiotic and biotic factors			

3	Adaptations	https://www.bbc.co.uk/bitesize/topics/zxfd3kZ	https://www.youtube.com/playlist?list=PL9louNCPbCxVuf3dVlq6kHQ0b27Hu-fgW	https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8187
	<i>Practical - Measure the population size of a common species in a habitat using sampling techniques; quadrats, belt/ line transects, pooters/ nets/ pitfalls</i>			
	How materials are cycled including decomposition (water and carbon)			
	<i>Practical - Investigate the effect of temperature on the rate of decay of fresh milk</i>			
	Biodiversity and maintaining			
	Waste management			
	Land use; deforestation, destruction of peat bogs			
	Global warming			
	Trophic levels			
	Pyramids of biomass and transfer			
	Factors affecting food security; enough food to feed a population			
	Farming techniques and sustainable fisheries			
	Role of biotechnology			
The rate and extent of chemical change				
4	Calculating rates of reaction	https://www.bbc.co.uk/bitesize/topics/zs3gfcw	https://www.youtube.com/playlist?list=PL9louNCPbCxW8AN0t0py7LaKdKSwfL3fP	https://members.gcsepod.com/content?subject_id=6011&exam_board_id=1010&topic_id=8217
	Factors which affect the rates of chemical reactions			
	<i>Practical - How changes in concentration affect the rates of reactions</i>			
	Collision theory and activation energy			
	Catalysts			
	Reversible reactions			
	Energy changes and reversible reactions			
	Equilibrium			
	The effect of changing conditions on equilibrium; concentration, temperature and pressure			

Organic Chemistry				
5	Crude oil, hydrocarbons and alkanes	https://www.bbc.co.uk/bitesize/topics/ztsyh39	https://www.youtube.com/playlist?list=PL9louNCPbCxVDcgWiviYYWj0xKMPXTd8s	https://members.gcsepod.com/content?subject_id=6011&exam_board_id=1010&topic_id=8218
	Fractional distillation and petrochemicals			
	Properties of hydrocarbons			
	Cracking and alkenes			
	Structure and formulae of alkenes			
	Reactions of alkenes			
	Alcohols			
	Carboxylic acids			
	Addition polymerisation			
	Condensation polymerisation			
Chemical Analysis				
6	Pure substances	https://www.bbc.co.uk/bitesize/topics/z2tpmsg	https://www.youtube.com/playlist?list=PL9louNCPbCxXIBeaxeOG5yf_pGrxZOyR	https://members.gcsepod.com/content?subject_id=6011&exam_board_id=1010&topic_id=8219
	Formulations			
	Chromatography			
	Paper Chromatography			
	Test for gases; hydrogen, oxygen, carbon dioxide and chlorine			
	Flame tests to identify some metal ions			
	Chemical tests to identify ions			
	Instrumental methods			
	Flame emission spectroscopy			
Chemistry of the atmosphere				
	The proportions of different gases in the atmosphere	https://www.bbc.co.uk/bitesize/topics/z2tpmsg	https://www.youtube.com/playlist?list=PL9louNCPbCxXIBeaxeOG5yf_pGrxZOyR	https://members.gcsepod.com/content?subject_id=6011&exam_board_id=1010&topic_id=8219
	The Earth's early atmosphere			
	How oxygen increased			
	How carbon dioxide decreased			
	Greenhouse gases			

7	Human activities which contribute to an increase in greenhouse gases in the atmosphere Global climate change The carbon footprint and its reduction Atmospheric pollutants from fuels Properties and effects of atmospheric pollutants	www.bbc.co.uk/bitesize/topics/zw2xjty	https://www.youtube.com/playlist?list=PL9louNCPbCxVv0k1fYbEAnf4D8Naid7qsx	https://members.gcsepod.com/content?subject_id=6011&exam_board_id=1010&topic_id=8220
Using Resources				
8	Using the Earth's resources and sustainable development Potable water Purification and analysis of water Waste water treatment Alternative methods of extracting metals; bioleaching, phytomining Life cycle assessment Ways of reducing the use of resources Corrosion and its prevention Alloys as useful materials Ceramics, polymers and composites The Haber process Production and uses of NPK fertilisers	https://www.bbc.co.uk/bitesize/topics/z9wqk2p	https://www.youtube.com/playlist?list=PL9louNCPbCxVQ-jYbEAnf4D8Naid7qsx	https://members.gcsepod.com/content?subject_id=6011&exam_board_id=1010&topic_id=8221
Forces				
	Forces and their interactions; scalar and vector quantities Contact and non-contact forces Resultant forces Work done and energy transfer Forces and elasticity <i>Practical - Investigate the relationship between force and extension for a spring</i>			

9	Moments, levers and gears	https://www.bbc.co.uk/bitesize/topics/z82j97h	https://www.youtube.com/playlist?list=PL9louNCPbCxUrQkFLoPwB67nDbhw2NfAO	https://members.gcsepod.com/content?subject_id=6023&exam_board_id=1010&topic_id=8088
	Pressure in a fluids and gases			
	Describing motion along a line; distance and displacement			
	Speed & velocity			
	The distance-time relationship			
	Acceleration			
	Newton's Laws 1, 2 and 3			
	<i>Practical - Investigate the effect of varying the force on the acceleration of an object of constant mass, and the effect of varying the mass of an object on the acceleration produced by a constant force</i>			
	Forces and braking; stopping distance			
	Factors affecting braking distance			
	Momentum is a property of moving objects			
Momentum				
Waves				
10	Waves in air, fluids & solids; transverse and longitudinal waves	https://www.bbc.co.uk/bitesize/topics/zcwkqdm	https://www.youtube.com/playlist?list=PL9louNCPbCxX1-0Nr5_bMDJnN-9RqMuA6	https://members.gcsepod.com/content?subject_id=6023&exam_board_id=1010&topic_id=8089
	Properties of waves			
	<i>Practical - Make observation to identify the suitability of apparatus to measure the frequency, wavelength and speed of waves in a ripple tank</i>			
	<i>Practical - Investigate the reflection of light by different types of surface and the refraction of light by different substances</i>			
	Sound waves			
	Waves for detection and exploration			
	Electromagnetic waves, their properties and uses			
	<i>Practical - Investigate how the amount of infrared radiation absorbed or radiated by a surface depends on the nature of the surface</i>			

	Uses and applications of electromagnetic waves			
	Lenses; convex and concave			
	Visible light			
	Black body radiation; emission and absorption of infrared radiation			
	Perfect black bodies and radiation			
Magnetism and electromagnetism				
11	Magnets and their fields	https://www.bbc.co.uk/bitesize/topics/z39ry4j	https://www.youtube.com/playlist?list=PL9louNCPbCxVean2cWoznpfC5PxYbs9TX	https://members.gcsepod.com/content?subject_id=6023&exam_board_id=1010&topic_id=8090
	Motor effect; Electromagnetism & induced potential			
	Electric motors & Fleming's left hand rule			
	Loudspeakers; moving-coil loudspeakers and headphones			
	Uses of the generator effect			
	Microphones; moving-coil microphone			
Transformers				
Space				
12	Our solar system	https://www.bbc.co.uk/bitesize/topics/zsbyh39	https://www.youtube.com/playlist?list=PL9louNCPbCxUGMXZ4ubg_ftcNboQa-Ptl	https://members.gcsepod.com/content?subject_id=6023&exam_board_id=1010&topic_id=8091
	The life cycle of a star			
	Orbital motion, natural and artificial satellites			
	Red-shift			

Combined Science Paper 1

1 hour revision slot	Small Steps	BBC Link	Youtube Link	GCSE Pod link
Cell Biology				
1	Eukaryotes and prokaryotes	https://www.bbc.co.uk/bitesize/topics/z2mttv4	https://www.youtube.com/playlist?list=PL9louNCPbCxVU74eQtCcqbaQdYmwzAnlC	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8243
	Microscopes and magnification including microscopy			
	Cell specialisation & differentiation			
	Mitosis and the cell cycle			
	Stem cells			
	Diffusion, osmosis and active transport			
Organisation				
2	Digestive system	https://www.bbc.co.uk/bitesize/topics/zwj22nb	https://www.youtube.com/playlist?list=PL9louNCPbCxXGDt3ATU1xM_X_F8JghPCB	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8244
	<i>Practical - Use qualitative reagents to test for carbohydrates, lipids and proteins</i>			
	<i>Practical - Investigate the effect of pH on the rate of reaction of amylase on starch</i>			
	The circulatory system including components of blood and CHD			
	Healthy lifestyle, the effects of lifestyle, non-communicable diseases and cancer.			
	Plant tissues and organ systems			
Infection and response				
3	Communicable diseases	https://www.bbc.co.uk/bitesize/topics/z9kww6f	https://www.youtube.com/playlist?list=PL9louNCPbCxVQPNgqka5bSs-IWe3L6OD8	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8245
	Human defence system			
	Vaccinations, antibiotics and painkillers			
	Discovery of drugs and their development			
	Monoclonal antibodies and their uses			

Bioenergetics				
4	Photosynthesis & factors affecting rate	https://www.bbc.co.uk/bitesize/topics/zgr997h	https://www.youtube.com/playlist?list=PL9louNCPbCxXVpEqkFRN5Jq8ZTBBRWUz	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8246
	<i>Practical – Investigate the effect of light intensity on the rate of photosynthesis</i>			
	Uses of glucose in plants			
	Aerobic, anaerobic respiration and response to exercise			
	Metabolism			
Atomic structure and the periodic table				
5	Atoms, elements and compounds	https://www.bbc.co.uk/bitesize/topics/zcckk2p	https://www.youtube.com/playlist?list=PL9louNCPbCxULWXC09jt0PsuAbxYpw2_1	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8250
	Mixtures; separation/ purification techniques			
	Development of the model of the atom			
	The atom including; size and mass, relative electrical charges of subatomic particles			
	Relative atomic mass			
	Electronic structure			
	The periodic table			
	Development of the periodic table			
	Metals, transition metals and non-metals			
Groups 1, 7 and 0 properties and trends				
Bonding, structure and properties of matter				
6	Three types of bonds; ionic, covalent and metallic	https://www.bbc.co.uk	https://www.youtube.com/playlist?list=PL9louNCPbCxULWXC09jt0PsuAbxYpw2_1	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8250
	States of matter and state symbols			
	Properties of ionic compounds			
	Properties of small molecules			
	Polymers; bonding and structure			
	Giant covalent structures			

	Properties of metals and alloys	uk/bitesize/topics/z33rwx	list=PL9louNCPbCxXmFgiKCM60Sglh-qOG_vIE	subject_id=6056&exam_board_id=1032&topic_id=8251
	Diamond & graphite; structure and properties			
	Graphene and fullerenes; structure and properties & uses			
	Sizes of particles and their properties			
	Uses of nanoparticles			
Quantitative chemistry				
7	Conservation of mass and balanced chemical equations	https://www.bbc.co.uk/bitesize/topics/zsnyy4j	https://www.youtube.com/playlist?list=PL9louNCPbCxUhxxFUbR4SNfwwaRB8mYX3	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8252
	Relative formula mass			
	Chemical measurements; estimations of uncertainty/ range around a mean.			
	Moles (HT only)			
	Amounts of substances in equations (HT only)			
	Using moles to balance equations (HT only)			
	Limiting reactants (HT only)			
Concentration of solutions				
Chemical changes				
8	Metal oxides; production, oxidation, reduction	https://www.bbc.co.uk/bitesize/topics/zt6ppbk	https://www.youtube.com/playlist?list=PL9louNCPbCxXDIRtCQEG0cGehBvJ7t9Pf	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8253
	The reactivity series			
	Extraction of metals and reduction			
	Oxidation and reduction in terms of electrons			
	Neutralisation of acids and salt production			
	<i>Practical - Production of a pure, dry sample of a soluble salt</i>			
	The pH scale and neutralisation			
	Strong and weak acids (HT only)			
The process of electrolysis				

	Using electrolysis to extract metals			
	<i>Practical - Electrolysis of an aqueous solution using inert electrodes</i>			
	Representation of reactions at electrodes as half equations (HT only)			
Energy changes				
9	Energy transfer during exothermic and endothermic reactions	https://www.bbc.co.uk/bitesize/topics/z27xxfr	https://www.youtube.com/playlist?list=PL9louNCPbCxX74bPzf0TGVVmyGYgMarWu	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8254
	<i>Practical - Investigate variables that affect temperature changes in reacting solutions.</i>			
	Reaction profiles; energy level diagrams			
	The energy change of reactions; breaking and making bonds (HT only)			
Energy				
10	Energy stores and systems	https://www.bbc.co.uk/bitesize/topics/z89ddxs	https://www.youtube.com/playlist?list=PL9louNCPbCxWNjJvmqwZ4vKy4VfcAhsCj	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8260
	Changes in energy			
	Energy changes in systems			
	<i>Practical – Specific Heat Capacity</i>			
	Power			
	Energy transfers in a system (conservation/dissipation)			
	Efficiency			
	National and global energy resources			
Electricity				
	Standard circuit diagram symbols			
	Electrical charge and current			
	Current, resistance & potential difference			
	<i>Practical - Factors affecting resistance</i>			

11	Resistors; ohmic conductors, lamps, diodes, thermistors, LDRs, IV graphs	https://www.bbc.co.uk/bitesize/topics/zcg44qt	https://www.youtube.com/playlist?list=PL9louNCPbCxXc2NQoIZN7-3jIKN7vW-Sq	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8261
	<i>Practical - I-V Characteristics of a variety of circuit elements</i>			
	Series and Parallel circuits			
	Direct and alternating potential difference			
	Mains electricity			
	Energy transfers; Power			
	Energy transfers in everyday appliances			
	The National Grid			
Particle model of matter				
12	Density of materials	https://www.bbc.co.uk/bitesize/topics/z3ybb82	https://www.youtube.com/playlist?list=PL9louNCPbCxWdHszkb6n6503ommOpg_t7	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8262
	<i>Practical - Densities of regular and irregular objects</i>			
	Changes of state			
	Internal energy and energy transfers			
	Temperature changes in a system and specific heat capacity			
	Changes of heat and specific latent heat			
	Particle model and pressure			
	Particle motion in gases			
Atomic structure				
13	Atoms and isotopes	https://www.bbc.co.uk/bitesize/topics/zshssrd	https://www.youtube.com/playlist?list=PL9louNCPbCxXTU7zSX4lvJDLrCEmqEMU	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8262
	Mass number, atomic number and isotopes			
	The development of the model of the atom			
	Atoms and nuclear radiation			
	Radioactive decay and nuclear equations			
	Half-lives and the random nature of radioactive decay			

	Radioactive contamination and background radiation			ic_id=8263
	Uses of nuclear radiation			
	Nuclear fission and fusion			

Combined Science Paper 2

1 hour revision slot	Small Steps	BBC Link	Youtube Link	GCSE Pod link
Homeostasis and Response				
1	Homeostasis	https://www.bbc.co.uk/bitesize/topics/zyybb82	https://www.youtube.com/playlist?list=PL9louNCPbCxW3lptxS1yHCP2l9YDfM2co	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8247
	Human nervous system; structure and function			
	<i>Practical - Investigate the effect of a factor on human reaction time.</i>			
	Human endocrine system; pituitary gland, pancreas, thyroid, adrenal gland, ovary, testes. Location and function			
	Control of blood sugar concentration			
	Hormones in human reproduction			
	Contraception; hormonal and non-hormonal methods			
	The uses of hormones to treat infertility (HT only)			
	Negative feedback (HT only)			
Inheritance, variation and evolution				
	Sexual and asexual reproduction			
	Meiosis			
	DNA and the genome			
	Genetic inheritance & Inherited disorders			

2	Sex determination	https://www.bbc.co.uk/bitesize/topics/zppfcw	https://www.youtube.com/playlist?list=PL9louNCPbCxWt28Bifo2jK9xn-ym956sf	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8248
	Variation; inherited and environmental			
	Evolution			
	Selective breeding			
	Genetic engineering			
	The understanding of genetics; Mendel's work			
	Evidence for evolution			
	Fossils and extinction			
	Resistant bacteria			
	Classification of living organisms			
Ecology				
3	Communities and levels of organisation	https://www.bbc.co.uk/bitesize/topics/zxxhh39	https://www.youtube.com/playlist?list=PL9louNCPbCxVuf3dVlq6kHQ0b27Hu-fgW	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8249
	Abiotic and biotic factors			
	Adaptations			
	<i>Practical - Measure the population size of a common species in a habitat using sampling techniques; quadrats, belt/ line transects, pooters/ nets/ pitfalls</i>			
	How materials are cycled including water and carbon			
	Biodiversity and maintaining			
	Waste management			
	Land use; deforestation, destruction of peat bogs			
	Global warming			
The rate and extent of chemical change				
	Calculating rates of reaction			
	Factors which affect the rates of chemical reactions			

4	Practical - How changes in concentration affect the rates of reactions	https://www.bbc.co.uk/bitesize/topics/zwdqghv	https://www.youtube.com/playlist?list=PL9louNCPbCxW8AN0t0py7LaKdKSwfL3fP	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8255
	Collision theory and activation energy			
	Catalysts			
	Reversible reactions			
	Energy changes and reversible reactions			
	Equilibrium			
	The effect of changing conditions on equilibrium; concentration, temperature and pressure (HT only)			
Organic Chemistry				
5	Crude oil, hydrocarbons and alkanes	https://www.bbc.co.uk/bitesize/topics/z9488mn	https://www.youtube.com/playlist?list=PL9louNCPbCxVDcgWiviYYWj0xKMPXTd8s	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8256
	Fractional distillation and petrochemicals			
	Properties of hydrocarbons			
	Cracking and alkenes			
Chemical Analysis				
6	Pure substances	https://www.bbc.co.uk/bitesize/topics/zgbccj6	https://www.youtube.com/playlist?list=PL9louNCPbCxXlBeaxe_bOG5yf_pGrzOyR	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8257
	Formulations			
	Chromatography			
	Paper Chromatography			
	Test for gases; hydrogen, oxygen, carbon dioxide and chlorine			
Chemistry of the atmosphere				
	The proportions of different gases in the atmosphere			https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8258
	The Earth's early atmosphere			
	How oxygen increased			
	How carbon dioxide decreased			

7	Greenhouse gases	https://www.bbc.co.uk/bitesize/topics/zysvv9q	https://www.youtube.com/playlist?list=PL9louNCPbCxVv0kvofC7GTUcqHUBddgWL	gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8258
	Human activities which contribute to an increase in greenhouse gases in the atmosphere			
	Global climate change			
	The carbon footprint and its reduction			
	Atmospheric pollutants from fuels			
	Properties and effects of atmospheric pollutants			
Using Resources				
8	Using the Earth's resources and sustainable development	https://www.bbc.co.uk/bitesize/topics/zptnng8	https://www.youtube.com/playlist?list=PL9louNCPbCxVQ-jFybEAnf4D8Naid7qsx	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8259
	Potable water			
	Purification and analysis of water			
	Waste water treatment			
	Alternative methods of extracting metals; bioleaching, phytomining (HT only)			
	Life cycle assessment			
	Ways of reducing the use of resources			
Forces				
	Forces and their interactions; scalar and vector quantities	https://www.bbc.co.uk/bitesize/topics/zptnng8	https://www.youtube.com/playlist?list=PL9louNCPbCxVQ-jFybEAnf4D8Naid7qsx	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8259
	Contact and non-contact forces			
	Resultant forces			
	Work done and energy transfer			
	Forces and elasticity			
	<i>Practical - Investigate the relationship between force and extension for a spring</i>			
	Describing motion along a line; distance and displacement			

9	Speed & velocity	https://www.bbc.co.uk/bitesize/topics/ztmttv4	https://www.youtube.com/playlist?list=PL9IouNCPbCxUrQkFLOPwB67nDbhw2NfAO	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8264
	The distance-time relationship			
	Acceleration			
	Newton's Laws 1, 2 and 3			
	<i>Practical - Investigate the effect of varying the force on the acceleration of an object of constant mass, and the effect of varying the mass of an object on the acceleration produced by a constant force</i>			
	Forces and braking; stopping distance			
	Factors affecting braking distance			
	Momentum is a property of moving objects (HT only)			
	Momentum (HT only)			
Waves				
10	Waves in air, fluids & solids; transverse and longitudinal waves	https://www.bbc.co.uk/bitesize/topics/z2j22nb	https://www.youtube.com/playlist?list=PL9IouNCPbCxX1-0Nr5_bMDJnN-9RqMuA6	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8265
	Properties of waves			
	<i>Practical - Make observation to identify the suitability of apparatus to measure the frequency, wavelength and speed of waves in a ripple tank</i>			
	Electromagnetic waves, their properties and uses			
	<i>Practical - Investigate how the amount of infrared radiation absorbed or radiated by a surface depends on the nature of the surface</i>			
Uses and applications of electromagnetic waves				
Magnetism and electromagnetism				
11	Magnets and their fields	https://www.bbc.co.uk/bitesize/topics/	https://www.youtube.com/playlist?list=PL9IouNCPbCxVean2c	https://members.gcsepod.com/content?subject_id=6056&exam_board_id=1032&topic_id=8265
	Motor effect; Electromagnetism & induced potential			

Electric motors & Fleming's left hand rule (HT only)	zwkww6f	WoznpfC5PxYbs9TX	m_board_id=1032&topic_id=8266
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History GCSE (Edexcel)				
Content Overview	Small Steps	Resources links	GCSE Pod link	
1	Paper 1- Medieval Medicine	Supernatural and religious explanations of the cause of disease.	https://www.bbc.co.uk/teach/class-clips-video/medicine-through-time/zdcy8xs	https://members.gcsepod.com/shared/podcasts/title/10643/65353
		Rational explanations: the Theory of the Four Humours and the miasma theory; the continuing influence of Hippocrates and Galen.		
		Approaches to prevention and treatment and their connection with ideas about disease and illness: religious actions, bloodletting and purging, purifying the air, and the use of remedies.		
		New and traditional approaches to hospital care in the thirteenth century. The role of the physician, apothecary and barber surgeon in treatment and care provided within the community and in hospitals, c1250–1500.		
		Dealing with the Black Death, 1348–49; approaches to treatment and attempts to prevent its spread.		
2	Renaissance Medicine	Ideas about the cause of disease and illness- Scientific approach, including the work of Thomas Sydenham in improving diagnosis. The influence of the printing press and the work of the Royal Society on the transmission of ideas.	https://www.bbc.co.uk/teach/class-clips-video/medicine-through-time/zdcy8xs	https://members.gcsepod.com/shared/podcasts/title/10743/65972
		Approaches to prevention and Treatment- Continuity in approaches to prevention, treatment and care in the community and in hospitals. Change in care and treatment: improvements in medical training and the influence in England of the work of Vesalius.		
		Case study: Plague 1665- Dealing with the Great Plague in London, 1665: approaches to treatment and attempts to prevent its spread.		
		Case study: Circulation of blood- Key individual: William Harvey and the discovery of the circulation of the blood.		
		Ideas about the cause of disease and illness- The influence in Britain of Pasteur's Germ Theory and Koch's work on microbes.	https://www.bbc.co.uk/teach/class-clips-video/medicine-through-time/zdcy8xs	https://members.gcsepod.com/shared/podcasts/title/10743/65972
		Case study: Jenner- Key individual: Jenner and the development of vaccination.		

3	18th/19th Century Medicine	Case study: Cholera- Fighting Cholera in London, 1854; attempts to prevent its spread; the significance of Snow and the Broad Street pump. New approaches to prevention: the development and use of vaccinations and the Public Health Act 1875.	https://www.bbc.co.uk/teach/class-clips-video/medicine-through-time/zdcy8xs	https://members.gcsepod.com/shared/podcasts/title/11393/70260
		Approaches to prevention and Treatment- The extent of change in care and treatment: improvements in hospital care and the influence of Nightingale. The impact of anaesthetics and antiseptics on surgery.		
4	Modern Medicine	Ideas about the cause of disease and illness- Advances in understanding the causes of illness and disease: the influence of genetic and lifestyle factors on health. Improvements in diagnosis: the impact of the availability of blood tests, scans and monitors	https://www.bbc.co.uk/teach/class-clips-video/medicine-through-time/zdcy8xs	https://members.gcsepod.com/shared/podcasts/title/11394/71236
		Approaches to prevention and treatment- The extent of change in care and treatment. The impact of the NHS and science and technology: improved access to care; advances in medicines, including magic bullets and antibiotics; high-tech medical and surgical treatment in hospitals. New approaches to prevention: mass vaccinations and government lifestyle campaigns.		
		Case study: Penicillin- Key individuals: Fleming, Florey and Chain's development of penicillin.		
		Case study: Lung cancer treatment- The fight against lung cancer in the twenty-first century: the use of science and technology in diagnosis and treatment; government action.		
		The Western Front- The context of the British sector of Western Front and the theatre of war in Flanders and northern France: the Ypres salient, the Somme, Arras and Cambrai.		https://members.gcsepod.com/shared/podcasts/title/11394/71236
		Trenches- The trench system - its construction and organisation, including frontline and support trenches. The use of mines at Hill 60 near Ypres and the expansion of tunnels, caves and quarries at Arras. Significance for medical treatment of the nature of the terrain and problems of the transport and communications infrastructure.		

5	Historical Environment- The Western Front	<p>Wounds- The nature of wounds from rifles and explosives. The problem of shrapnel, wound infection and increased numbers of head injuries. The effects of gas attacks.</p> <p>Helping the wounded- The work of the RAMC and FANY. The system of transport: stretcher bearers, horse and motor ambulances. The stages of treatment areas: aid post and field ambulance, dressing station, casualty clearing station, base hospital. The underground hospital at Arras.</p> <p>Impact of the Western Front on medicine and Surgery- The significance of the Western Front for experiments in surgery and medicine: new techniques in the treatment of wounds and infection, the Thomas splint, X-Rays and blood loss, the use of mobile x-ray units, the creation of a blood bank for the Battle of Cambrai.</p>	https://www.bbc.co.uk/teach/class-clips-video/medicine-through-time/zdcy8xs	gcsepod.com/content?subject_id=6018&exam_board_id=1011&topic_id=8137
6	Paper 3- Weimar Germany- Challenges	<ol style="list-style-type: none"> 1. The origins of the Weimar Republic, 1918–19. Legacy of WWI. Abdication of the Kaiser, the armistice and revolution, 1918–19. 2. Setting up Weimar Republic. Strengths and weaknesses of new Constitution. 3. Reasons for the early unpopularity of Republic, including 'stab in the back' theory and terms of the Treaty of Versailles. 4. Challenges to Republic from Left and Right: Spartacists, Freikorps, the Kapp Putsch. 5. Challenges of 1923: hyperinflation; the reasons for, and effects of, the French occupation of the Ruhr. 6. The recovery of the Republic, 1924–29. Reasons for economic recovery, including Stresemann, Rentenmark, Dawes and Young Plans and American loans and investment. Impact on domestic policies of Stresemann's achievements abroad: the Locarno Pact, joining the League of Nations and Kellogg-Briand Pact. 7. Changes in society, 1924–29. Changes in the standard of living, including wages, housing, unemployment insurance. Changes in the position of women in work, politics and leisure. Cultural changes: developments in architecture, art and the cinema. 	https://www.bbc.co.uk/bitesize/topics/zymqwx	https://members.gcsepod.com/shared/podcasts/title/10653/65412

7	Hitlers Rise to Power	<p>8. Early development of the Nazi Party, 1920–22. Hitler's early career: joining the German Workers' Party and setting up Nazi Party, 1919–20. Early growth and features of the Party. Twenty-Five Point Programme. Role of the SA.</p> <p>9. The Munich Putsch and the lean years, 1923–29. Reasons for, events and consequences of the Munich Putsch. Reasons for limited support for the Nazi Party, 1924–28. Party reorganisation and Mein Kampf. The Bamberg Conference of 1926.</p> <p>10. The growth in support for the Nazis, 1929–32. Growth of unemployment – its causes and impact. The failure of Weimar governments to deal with unemployment from 1929 to January 1933. Growth of support for the Communist Party. Reasons for the growth in support for the Nazi Party, including the appeal of Hitler and the Nazis, effects of propaganda and the work of the SA.</p> <p>11. How Hitler became Chancellor, 1932–33. Political developments in 1932. Roles of Hindenburg, Brüning, von Papen, von Schleicher. Part played by Hindenburg and von Papen in Hitler becoming Chancellor in 1933.</p>	<p>https://www.bbc.co.uk/bitesize/topics/zymqwxw</p>	<p>https://members.gcsepod.com/shared/podcasts/title/10654/65418</p>
8	Hitlers's Control and Dictatorship	<p>12. The creation of a dictatorship, 1933–34. Reichstag Fire. Enabling Act and the banning of other parties and trade unions. Threat from Röhm and the SA, the Night of the Long Knives and death of von Hindenburg. Hitler becomes Führer, the army and oath of allegiance.</p> <p>13. Controlling and influencing attitudes. Goebbels and the Ministry of Propaganda: censorship, Nazi use of media, rallies and sport, including the Berlin Olympics of 1936.</p> <p>14. Controlling and influencing attitudes Nazi control of culture and the arts, including art, architecture, literature and film.</p> <p>15. The police state. Role of the Gestapo, SS, SD and concentration camps. Nazi control of the legal system, judges and law courts. Nazi policies towards the Catholic and Protestant Churches, including the Reich Church and the Concordat.</p>	<p>https://www.bbc.co.uk/bitesize/topics/zymqwxw</p>	<p>https://members.gcsepod.com/shared/podcasts/title/10655/65423</p>

		16. Opposition, resistance and conformity. Extent of support for the Nazi regime. Opposition from the Churches, including the role of Pastor Niemöller. Opposition from the young, including the Swing Youth and the Edelweiss Pirates.		
9	Life in Nazi Germany	<p>17. The persecution of minorities. Nazi racial beliefs and policies and the treatment of minorities: Slavs, 'gypsies', homosexuals and those with disabilities.</p> <p>18. The persecution of minorities. Persecution of the Jews, including the boycott of Jewish shops and businesses (1933), the Nuremberg Laws and Kristallnacht.</p> <p>19. Nazi policies towards women and the young. Nazi views on women and the family. Nazi policies towards women, including marriage and family, employment and appearance. Nazi aims and policies towards the young. Hitler Youth and the League of German Maidens. Nazi control of the young through education, including the curriculum and teachers.</p> <p>20. Employment and living standards. Nazi policies to reduce unemployment, including labour service, autobahns, rearmament and invisible unemployment. Changes in the standard of living, especially of German workers. The Labour Front, Strength Through Joy, Beauty of Labour.</p>	<p>https://www.bbc.co.uk/bitesize/topics/zymqwx</p>	<p>https://members.gcsepod.com/shared/podcasts/title/10656/65434</p>
		<p>Manifest Destiny and the pioneers. Concept of Manifest Destiny. Who were the pioneers? Why did they travel West?</p> <p>The Pioneers (II) Experience of the Pioneers . Case Study – The Donner Party, The Knight Family.</p> <p>The Mormons Joseph Smith and the development of Mormonism. The search for a home. The journey the Great Salt Lake.</p>		<p>https://members</p>

10	Paper 2- American West Topic 1	<p>The Mormons (II) Settlement of SLC – problems and solutions. The Mormon War, 1957-58.</p> <p>The Mountain Men Who were the Mountain men? Life of the Mountain Men Relationship with Plains Indians.</p> <p>The Gold Rush The discovery of gold in 1848. Violence and racism in the mining towns.</p> <p>Conflict and the Fort Laramie Treaty Negotiators and exterminators. Peace on the Plains Threats to peace on the Plains.</p>	https://www.youtube.com/watch?v=p4FKkwkoPpQ	https://members.gcsepod.com/shared/podcasts/title/11581/71336
11	American West Topic 2	<p>The Civil War Causes and events of the Civil War. Consequences of the CW and reconstruction. Experience of African -Americans.</p> <p>The Transcontinental Railroad Development of the railroad. Pacific Railroad Act 1862 Impact of the railroad.</p> <p>The Homesteaders Challengers faced by the Homesteaders. Solutions to the problems. Southern Homestead Act, Timber and Culture Act, Desert Land Act. The Role of women homesteaders.</p> <p>The development of the Cattle industry The origins of the Cattle Industry in Texas. The development of cattle drives – including the Goodnight-Loving trail. The development of cow towns</p>	https://www.youtube.com/watch?v=p4FKkwkoPpQ	https://members.gcsepod.com/shared/podcasts/title/11582/71347

	<p>The Open Range and life of cowboys The development of the Open Range. Who were the Cowboys? Roles on the cattle drive. The end of the open range and the decline of the Cattle Industry.</p> <p>Rivalry between cattle ranchers and homesteaders Reasons for conflict. The Johnson County War.</p> <p>Crimes in the West. Reasons for lawlessness. Key figures and events – Billy the Kid; Gunfight at the OK Corral, the Lincoln C</p> <p>How Wild was the West? The 'legend' of the West – dime novels; Buffalo Bill. Attempts to deal with lawlessness.</p>		https://members.gcsepod.com/shared/podcasts/title/11583/71356/
12	<p>American West Topic 3</p> <p>Key battles of the Plains Wars (I). The 'cycle' of conflict on the Plains. Little Crow's War. The Cheyenne Wars The Sand Creek Massacre</p> <p>Key battles of the Plains Wars (II) Red Cloud's War The Great Sioux War</p> <p>Little Big Horn Background and overview of the Battle. The roles of Custer, Reno and Benteen and Crazy Horse. The results of the Battle.</p> <p>The destruction of the Indian Way of life. Resettlement The Dawes General Allotment Act. The extermination of the buffalo Destruction of culture through government policies – political, economic, relig</p>	https://www.youtube.com/watch?v=p4FKkwoPpQ	https://members.gcsepod.com/shared/podcasts/title/11583/71356

		<p>The Ghost Dance and Wounded Knee. The Ghost Dance movement The Wounded Knee Massacre.</p> <p>Why did the Indians lose the battle of the Plains? Review of whole topic. Factors in the loss of the Plains</p> <p>Why did the Indians lose the battle of the Plains? Review of whole topic. Factors in the loss of the Plains</p>		
13	Paper 2: Early Elizabethan England, Topic 1	<p>How did Elizabeth come to the throne? Who was king/queen before her?</p> <p>Elizabethan England in 1558 society and government. The Virgin Queen: the problem of her legitimacy, gender, marriage. Her character and strengths. Challenges at home and from abroad: the French, threat, financial weakness</p> <p>The nature and extent of the Puritan Challenge The challenges from the Catholic Church, nobility, papacy and foreign power</p> <p>Mary Queen of Scots, her claim to the throne, her arrival in England in 1568 Relations between Mary and Elizabeth.</p>	<p>https://www.bbc.co.uk/bitesize/guides/zy3x39q/revision/1</p> <p>https://www.bbc.co.uk/bitesize/guides/zg68tyc/revision/1</p>	<p>https://members.gcsepod.com/shared/podcasts/title/12157/75220</p>
		<p>The reasons for, and significance of, The Revolt of the Northern Earls -1569-70 The features and significance of the, Ridolfi, Throckmorton and Babington plots Walsingham and Spies The reasons and significance of the execution of Mary Queen of Scots 1587.</p>		

14	Early Elizabethan England Topic 2	<p>Political and religious rivalry Commercial rivalry. The New World, privateering and the significance of the activities of Drake.</p> <p>Spanish invasion plans Reasons why Phillip used the Spanish Armada The reasons for and consequences of, the English Victory</p> <p>Philip's plans for the 'Enterprise of England'. The Armada's role in transporting Parma's army from the Netherlands to land in England.</p> <p>The combination of factors accounting for English success, including superior technology and tactics (the use of fireships at Calais, for example) and the fate of the remnants of the Armada on the route around Britain and back to Spain.</p> <p>The emergence of England as a strong naval power; the significance in 1588 for trade and exploration; political and religious impact.</p>	<p>https://www.bbc.co.uk/bitesize/guides/zqcn4j6/revision/1</p>	<p>https://members.gcsepod.com/shared/podcasts/title/12158/75246</p>
		<p>The nature of education in home, schools and universities, including for example, the impact of the printing press.</p> <p>Popular sports and pastimes, including fishing, football, bear-baiting and cockfighting. Aristocratic pastimes, for example fencing and bowls. The growing popularity of tennis.</p> <p>The growing number and popularity of public theatres, especially in London. Theatres in Southwark. The acting companies.</p>		

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**Early Elizabethan
England Topic 3**

Long-term factors, for example rural enclosure, price inflation and the fall in the value of real wages, and the effects of a rising population.

Short-term factors, including the effects of the bad harvests of the 1550s and 1560s.

The government's belief that growing poverty would lead to disorder and rebellion. Changing attitudes towards the poor, for example the aims and effects of the Vagabonds Act, 1572 and the Act for the Relief of the Poor, 1576; the distinction between the idle/undeserving poor and the deserving poor

New shipyards and the development of faster and more stable ships.

The development of new navigational aids, and the new science of transatlantic navigation.

The need to compete with European powers in acquiring overseas possessions. Exploration to extend trade.

Drake's expedition against Spanish colonies, 1577. His reasons for crossing the Pacific. His return to England in 1580 with a huge amount of treasure

Drake, his relationship and significance to Elizabeth

Raleigh, his relationship and significance to Elizabeth.

<https://www.bbc.co.uk/bitesize/guides/z3nqsg8/revision/1>

<https://members.gcsepod.com/shared/podcasts/title/12159/75311>

The granting of a patent to Raleigh to colonies Virginia, 1584. The attempts to establish a permanent settlement on Roanoke Island, 1585–86 and 1587.

The unexplained disappearance of the Lost Colonists.

The combination of factors accounting for failure, including inadequate planning of the colony, the provision of inadequate food supplies, and the failure to supply the second settlement thanks to the Spanish Armada.

Geography GCSE (AQA)

	1 hour revision slot	Small Steps	Resources links	GCSE Pod link
1	Paper 1 - The challenge of natural hazards - Natural Hazards and Tectonic Hazards	<p>I can describe the distribution of earthquakes and volcanoes.</p> <p>I explain the differences between destructive, constructive and conservative plate margins.</p> <p>I know the main features of an earthquake and two different ways of measuring earthquakes.</p> <p>I can explain why earthquakes cause more loss of life in poor than in rich countries.</p> <p>I can explain why people continue to live in areas at risk of tectonic hazards.</p> <p>I can explain how monitoring, planning and prediction of tectonic hazards can reduce their effects.</p>	<p>https://www.internetgeography.net/aqa-gcse-geography/the-challenge-of-natural-hazards/ https://www.bbc.co.uk/bitesize/topics/zcdrbk7_</p>	<p>https://members.gcsepod.com/shared/podcasts/title/11163/68058</p>
2	Paper 1 - The challenge of natural hazards - Natural Hazards and Tectonic Hazards: Case studies	<p>Using named examples of a tectonic hazard in both HIC (E-15 eruption, Iceland and Chile Earthquake) and LIC countries (Montserrat eruption and Nepal Earthquake). I can:</p> <p>(1) Explain why the tectonic hazard happened there,</p> <p>(2) Describe the effects that resulted from the earthquakes both primary and secondary.</p> <p>(3) Describe what was done after the earthquake (responses), both immediate and in the long.</p>	<p>https://www.internetgeography.net/topics/chile-earthquake-2010/ https://www.internetgeography.net/topics/nepal-earthquake-2015/</p>	<p>NA</p>
		<p>I can describe the global atmospheric circulation model.</p> <p>I can explain how the global atmospheric circulation model affects weather around the world.</p> <p>I can describe the distribution of tropical storms.</p> <p>I can explain the causes of a tropical storm.</p> <p>Using a named example I can describe and explain the primary and secondary impacts of tropical storms.</p>	<p>https://www.</p>	<p>https://members.</p>

3	Paper 1 - The challenge of natural hazards - Weather Hazards	<p>I can assess and evaluate methods of responses tropical storms in both the long and the short term using a named example (Typhoon Haiyan).</p> <p>I can explain how tropical storms might be affected by global warming.</p> <p>I can explain how monitoring, planning and prediction of tropical storms can reduce their effects.</p> <p>I can explain the cause of an extreme weather event using an example (Somerset Levels Floods).</p> <p>I can describe and expel the social, economic and environmental using an example (Somerset Levels Floods).</p> <p>I can identify evidence of the weather becoming more extreme using an example.</p> <p>I can explain how extreme events can be managed to reduce the impacts.</p> <p>I can assess and evaluate the impact that weather conditions have upon people homes, lives, agriculture, health and transport.</p>	internetgeography.net/aqa-gcse-geography/the-challenge-of-natural-hazards/ https://www.bbc.co.uk/bitesize/topics/zcdrbk8	https://members.gcsepod.com/shared/podcasts/title/11164/68098 https://members.gcsepod.com/shared/podcasts/title/11162/67995
4	Paper 1 - The challenge of natural hazards - Climate Hazards	<p>I can explain the evidence both for and against climate change.</p> <p>I can explain both the natural and human causes of climate change.</p> <p>I can assess and evaluate the economic, social, environmental and political impacts of climate change both on the world and the UK.</p> <p>I can describe and evaluate the mitigation strategies used to reduce the impact of global climate change on a local, national and international level.</p> <p>I can describe and evaluate the adaption strategies used to reduce the impact of global climate change on a local, national and international level.</p>	https://www.internetgeography.net/aqa-gcse-geography/the-challenge-of-natural-hazards/ https://www.bbc.co.uk/bitesize/topics/zcdrbk8	https://members.gcsepod.com/shared/podcasts/title/11164/68098 https://members.gcsepod.com/shared/podcasts/title/11162/67995
5	Paper 1 - The living world - Ecosystems and Biomes	<p><u>Using an example from the UK, I can explain the interrelationship within the natural system.</u></p> <p>I can define and give UK examples of producers consumers, decomposer, food chain, food web and nutrient cycle</p> <p>I can explain their interdependence of each of the above and explain how changes might affect each other.</p> <p>I can describe the distribution and characteristics of global ecosystems around the world.</p>	https://www.internetgeography.net/aqa-gcse-geography/the-living-world/ https://www.bbc.co.uk/bitesize/topics/z2tqwx8	https://members.gcsepod.com/shared/podcasts/title/11522/71010 https://members.gcsepod.com/shared/podcasts/title/11524/71017

6	Paper 1 - The living world - TRF	I can describe the physical characteristics of the tropical rainforests	https://www.internetgeography.net/aqa-gcse-geography/the-living-world/ https://www.bbc.co.uk/bitesize/topics/z2tqwx	https://members.gcsepod.com/shared/podcasts/title/11522/71010 https://members.gcsepod.com/shared/podcasts/title/11524/71017
		I can explain the interdependence of the climate, water, soils, plants, animals and people in a tropical rainforest		
		I can explain how plants and animals have adapted to the physical conditions of tropical rainforests.		
		I can describe and explain the problems and issues with changing biodiversity within the tropical rainforest.		
		I can describe and explain the changing rates of deforestation.		
		I can use a case study (Malaysia) to explain the causes of deforestation (subsistence and commercial farming, logging, road building, mineral extraction, energy development and population growth)		
		I can use a case study (Malaysia) to explain the impacts of deforestation (economic development, soil erosion, climate change)		
		I can explain the importance and value of the tropical rainforest on a local, national and international scale.		
		I can explain why it is important the tropical rainforest should be managed sustainably.		
		I can explain how the tropical rainforest can be managed sustainably using a range of methods (selective logging, education, ecotourism, international arrangements, debt reduction)		
7	Paper 1 - The living world - Hot deserts	I can describe the physical characteristics of the hot desert	https://www.internetgeography.net/aqa-gcse-geography/the-living-world/ https://www.bbc.co.uk/bitesize/topics/z2tqwx	https://members.gcsepod.com/shared/podcasts/title/11523/71013
		I can explain the interdependence of the climate, water, soils, plants, animals and people in a hot desert		
		I can explain how plants and animals have adapted to the physical conditions of hot deserts		
		I can describe and explain the problems and issues with changing biodiversity within the hot desert.		
		I can use a case study (Thar desert) to explain the opportunities in the Thar Desert (Mineral extraction, energy development, farming, tourism)		

		<p>I can use a case study (Thar desert) to explain the challenges in the Thar Desert (extreme temperatures, mobile sand dunes, lack of water)</p> <p>I can explain the causes of desertification (overgrazing, population growth, climate change)</p> <p>I can explain how desertification can be managed using: magic stones, Great Green Wall, fuel efficient stoves</p>	<p>https://www.bbc.com/bitesize/topics/z2tqwx5</p>	
8	<p>Paper 1 - Physical landscapes in the UK - Coastal Landscapes</p>	<p>I can describe and explain the different types of waves</p> <p>I can name and explain the processes of erosion (Hydraulic action, abrasion, attrition, corrosion, solution)</p> <p>I can name and explain the processes of weathering (freeze-thaw, chemical, biological)</p> <p>I can name and explain the processes of mass movement (landslide, rockfall, slumping, rotational slip)</p> <p>I can describe erosional landforms and the sequence of (arch, caves, stacks, stump, wave cut platforms, wave cut notch) are formed.</p> <p>I can explain, using an example (St Ives Bay or Holderness), how erosion and deposition will impact on the people and the environment at the coast.</p> <p>I can describe the processes of transportation in the coastal zone. (Longshore drift and traction, saltation, suspension and solution)</p> <p>I can explain the reasons why sediment is deposited on the coast.</p> <p>I can explain how depositional landforms (beaches, spit and bars) are formed.</p> <p>I can describe and explain methods of hard and soft engineering using an example (Mounts Bay or Holderness).</p> <p>I can evaluate the cost and benefits of hard and soft engineering using an example (Mounts Bay or Holderness)..</p> <p>I can explain why people have different views about the way the coast is managed and the conflicts this may cause using an example (Mounts Bay or Holderness)..</p>	<p>https://www.internetgeography.net/aqa-gcse-geography/physical-landscapes-in-the-uk/</p> <p>https://www.bbc.com/bitesize/topics/zs3ptyc</p>	<p>https://members.gcsepod.com/shared/podcasts/title/11159/68091</p>

		I can identify on an OS map all of the coastal landforms and use 4 & 6 fig grid references to locate them on a map		
9	Paper 1 - Physical landscapes in the UK - River Landscapes	<p>I can describe how a rivers long profile and cross profile varies over it's course</p> <p>I can explain how vertical and lateral erosion changes the cross profile of a river</p> <p>I can explain the reasons why a river deposits its eroded material</p> <p>I can explain how interlocking spurs, waterfalls & gorges are formed</p> <p>I can explain that meanders are formed by erosion & deposition</p> <p>I can describe an Ox Bow lake and explain how they form from meanders</p> <p>I can explain how a flood plain, levee and estuaries are formed</p> <p>I can use an example (River Tees) of a river valley to demonstrate my understanding of the erosional and depositional landforms</p> <p>I can explain how physical and human factors affect the risk of flooding including precipitation, geology, relief and land use.</p> <p>I can explain what river discharge means & how it is shown on a hydrograph</p> <p>I can explain at least 4 factors (things!) that will either increase or decrease river discharge</p> <p>I can explain how hard engineering can reduce the risk of flooding or the effects of flooding</p> <p>I can explain how soft engineering can reduce the risk of flooding or the effects of flooding</p> <p>Using an example (Boscastle or Morpeth Flood Management) I can explain why the scheme was required, how it is now managed and any social/economic/environmental issues)</p> <p>I can identify on an OS map all of the river landforms and use 4 & 6 fig grid references to locate them on a map.</p>	<p>https://www.internetgeography.net/aqa-gcse-geography/physical-landscapes-in-the-uk/</p> <p>https://www.bbc.co.uk/bitesize/topics/zpypgdm</p>	<p>https://members.gcsepod.com/shared/podcasts/title/11160/70197</p>
	Paper 2 - Urban	<p>I can explain why Rio de Janeiro is important nationally and internationally</p> <p>I can explain why and how Rio de Janeiro has grown</p>	<p>https://www.internetgeography.net/aqa-gcse-geography/urban-landscapes-in-the-uk/</p>	

10	Paper 2 - Urban issues and challenges - Case study of city in LIC or NEE – Rio de Janeiro	<p>I can explain, analyse and evaluate the opportunities in Rio de Janeiro including: access to health, education, water supply and energy</p> <p>I can explain, analyse and evaluate the challenges in Rio de Janeiro including: Managing urban growth (favelas), clean water and sanitation, access to services (health and education), unemployment and crime.</p> <p>I can explain and evaluate how Rio de Janeiro can plan to improve the quality of lives for the urban poor.</p>	internetgeography.net/aqa-gcse-geography/urban-issues-and-challenges/ https://www.bbc.co.uk/bitesize/topics/z9wgcg82	https://members.gcsepod.com/shared/podcasts/title/11541/71022
11	Paper 2 - Urban issues and challenges - Case study of UK city - Bristol and sustainable city Freiburg	<p>I can explain why Bristol is important nationally and internationally</p> <p>I can explain why and how Bristol has grown</p> <p>I can explain the impact of national and international migration on the growth and character of the Bristol.</p> <p>I can explain, analyse and evaluate the opportunities in Bristol including: cultural mix, recreation, entertainment, employment, integrated transport systems and urban greening</p> <p>I can explain, analyse and evaluate the challenges in Bristol including: Inequalities (Filwood and Stoke Bishop), urban deprivation, brownfield and greenfield sites and urban fringe commuter towns.</p> <p>I can explain, analyse and evaluation the how Bristol has undergone regeneration.</p> <p>I can describe how people can live more sustainably in Freiburg</p> <p>I can explain how sustainable urban living can conserve water and energy, recycle waster and create more green space.</p> <p>I can explain how urban transport strategies are used to reduce traffic congestion .</p>	https://www.internetgeography.net/aqa-gcse-geography/urban-issues-and-challenges/ https://www.bbc.co.uk/bitesize/topics/z9wgcg82	https://members.gcsepod.com/shared/podcasts/title/11541/71022
	Paper 2 - The changing	<p>I can describe the methods of classifying countries and use different development indicators.</p> <p>I can evaluate the use of different developmental indicators.</p> <p>I can use the Demographic Transition Model to explain the link between changing population structure and level of development.</p>	https://www.internetgeography.net/aqa-gcse-geography/urban-issues-and-challenges/	https://members.gcsepod.com/shared/podcasts/title/11541/71022

12	changing economic world - Development and the development gap	<p>I can explain the causes of uneven development: physical, economic and historical factors</p> <p>I can explain the impacts of uneven development on people</p> <p>I can explain how the development gap can be reduced looking at: Investment, industrial development, tourism, aid, intermediate technology, debt relief, fair trade and microfinance loans.</p> <p>I can use an example to show how tourism in an LIC can help to reduce the development gap: Jamaica</p>	https://www.bbc.co.uk/bitesize/topics/zg93ycw https://members.gcsepod.com/shared/podcasts/title/12091/74753	https://members.gcsepod.com/shared/podcasts/title/12091/74753
13	Paper 2 - The changing economic world - Case study of the LIC or NEE – Nigeria	<p>I can explain why Nigeria is important within Africa and internationally</p> <p>I can describe the political, social and culture contact of Nigeria within a world context.</p> <p>I can describe the changing industrial structure within in Nigeria.</p> <p>I can explain how manufacturing can stimulate economic growth in within Nigeria.</p> <p>I can define a Transnational Corporation (TNC) using a case study.</p> <p>I can explain the advantaged and disadvantages of TNCs to Nigeria.</p> <p>I can describe how Nigeria's politics and trading relationship have changed over time.</p> <p>I can explain what aid Nigeria has received and how it has impacted upon the country using a case study.</p> <p>I can explain and evaluation the environmental impacts of economic development.</p> <p>I can explain and evaluation impacts of economic development on the population of Nigeria.</p>	https://www.internetgeography.net/topics/the-changing-economic-world/ https://www.bbc.co.uk/bitesize/topics/zg93ycw	https://members.gcsepod.com/shared/podcasts/title/12091/74753
		<p>I can explain why deindustrialisation has occurred in the UK</p> <p>I can explain the advantages and disadvantages of the UK move in the tertiary sector (post-industrial economy</p> <p>I can explain, using an example, how modern industry can reduce its impact upon the environment and become more sustainable</p>		

14	Paper 2 - The changing economic world - Case study - economy of the UK	<p>I can explain, using an example, the social and economic impacts of population growth on a rural landscape.</p> <p>I can explain, using an example, the social and economic impacts of population decline on a rural landscape.</p> <p>I can describe and explain the impact or transport developments in road, rail, port and airports.</p> <p>I can describe the North – South divide in the UK.</p> <p>I can evaluate and explain the strategies use to solve regional differences within the UK.</p> <p>I can examine the global links made with the wider world through trade, culture, increased communication, economics and political groupings such as the commonwealth and the European Union.</p> <p>I can analyse the growing interdependence and globalisation of the UK in relation to its economy and politics.</p>	https://www.internetgeography.net/topics/the-changing-economic-world/ https://www.bbc.co.uk/bitesize/topics/zg93ycw	https://members.gcsepod.com/shared/podcasts/title/12091/74753
15	Paper 2 - The challenge of resource management: Resource Overview	<p>I can describe the importance of food, water and energy to the economic and social wellbeing.</p> <p>I can describe and explain the distribution of resources (food, energy and water) around world.</p> <p>I can explain the changing demand for different foods in the UK and why food miles is increasing.</p> <p>I can describe the different industries involved in agriculture (agribusiness) and explain how they are changing in the UK.</p> <p>I can explain the changing demand for water in the UK.</p> <p>I can describe the problems with water quality and pollution in the UK and how they can be managed.</p> <p>I can explain how the UK is trying to manage water to meet supply and demand.</p> <p>I can describe the UKs energy mix and how it has changed over time.</p> <p>I can explain how the UK can reduce its reliance on fossil fuels.</p>	https://www.internetgeography.net/aqa-resource-management/	https://members.gcsepod.com/shared/podcasts/title/12121/75042

		I can describe and explain the economic and environmental issues with exploitation of energy sources.		
16	Paper 2 - The challenge of resource management: Water	<p>I can describe the global distribution of water resources both surplus and deficit</p> <p>I can explain why water consumption is increasing</p> <p>I can explain and evaluate the different factors which effect water availability including: geology, climate, pollution, over-abstraction, limited infrastructure and poverty.</p> <p>I can analyse the impacts of water insecurity including: waterborne disease, food production, industrial output and conflict</p> <p>I can explain and evaluate how water supplies can be managed to increase supply in certain areas</p> <p>I can use an example to show how managing water through a transfers schemes has both advantages and disadvantages</p> <p>I can explain how water resources can be managed sustainably</p> <p>I can use an example of a local scheme which has managed water sustainably to increase water supplies.</p>	<p>https://www.internetgeography.net/aqa-resource-management/</p>	<p>https://members.gcsepod.com/shared/podcasts/title/12123/75071</p>
15	Paper 3 - Fieldwork	<p>I can suggest suitable fieldwork questions and complete risk assessments</p> <p>I can compare different data (qualitative, quantiative, primary, seconadry), sampling techniques (random, stratified, systematic) and measures of central tendency (mean, median, mode)</p> <p>I can suggest suitable data collection methods</p> <p>I can justify suitable presentation methods</p>	<p>uk/bitesize/guides/z3jbdmn/revision/1 https://www.bbc.co.uk/bitesize/guides/z2qpg82/revision/1 https://www.bbc.co.uk/bitesize/guides/zyhd6f</p>	<p>https://members.gcsepod.com/shared/podcasts/title/13781/83519</p>
16	Paper 3 - Issue Evaluation	Due for release in March. Information not available at the time of printing.	NA	NA

Spanish

1 hour revision slot	Small Steps	Resources links	GCSE Pod link
General Revision Tips	<p>Try these links for language skills - if there is a skill you feel you are behind the others on, it's a good idea to practise that one more.</p> <p>These also cover a number of the basics that you first learned back in year 7 and are well worth going over to ensure you pick up the little points here and there.</p> <p>Ask your teacher for a past writing paper to practise - they will be happy to mark it for you and give you tips.</p>	<p>https://members.gcsepod.com/shared/podcasts/title/11494/70830</p>	<p>https://members.gcsepod.com/shared/podcasts/title/8748/56249</p> <p>https://members.gcsepod.com/shared/podcasts/title/8763/56399</p>
1. Self-family & friends	<p>I can recognise and know words for a wide variety of family members in Spanish.</p> <p>I can use possessive adjectives to say 'my brother', etc.</p> <p>I can conjugate the verb ser in the present tense.</p> <p>I can use the present tense of ser to give physical descriptions of family members and friends.</p> <p>I can use the present tense of ser to give personality descriptions of family members and friends.</p> <p>I can give my opinion about family and friends</p> <p>I can justify my opinion about a family member or friend with a reason and a variety of connectives (porque...)</p> <p>I can use a variety of conjunctions (because, therefore, such as, but, however...) to give extra detail about friends and family.</p> <p>I can use a variety of negative expressions to say what family and friends are not like or don't do.</p> <p>I can describe and explain the traits of a good/bad friend.</p> <p>I can say what other people do (job, free time etc.)</p>	<p>uk.language-gym.com</p> <p>https://www.bbc.co.uk/bitesize/topics/zdyvqp3</p> <p>https://www.bbc.co.uk/bitesize/guides/zfhnkmn/revision/1</p>	<p>https://members.gcsepod.com/shared/podcasts/title/13568/81425</p>

	I can describe my relationship with another person (me llevo bien/mal con... porque...)		
2. Hobbies, Freetime & Leisure	I can recognise and say/write a variety of free-time activities.	uk.language-gym.com	https://members.gcsepod.com/shared/podcasts/tittle/13570/81435
	I can recognise and say/write a variety of sports activities, using the correct verb (haver/jugar)		
	I can explain my music preferences with reasons and extra details.		
	I can explain my TV/film preferences with reasons and extra details.		
	I can explain my tech/social media usage.		
	I can say how often or when I do these things using a range of phrases of time and frequency.		
	I can give my opinion about the pros and cons of technology/social media.		
	I can give positive and negative opinions about different sports and free-time activities, with reasons.		
	I can justify my opinions.		
	I can use the past tense to describe a festival or sporting event that I have attended.		
	I can use the future/conditional tenses to explain which festival/sporting event I would like to attend one day.		
3. School	I can recognise and use a variety of school subjects.	uk.language-gym.com	https://members.gcsepod.com/shared/podcasts/tittle/13576/81454
	I know the gender and number (singular/plural) of school subjects so that I can adapt adjectives and articles accordingly.		
	I can describe the facilities in my school using determiners such as lots of, some, many etc.		
	I can describe my school uniform.		
	I can say and recognise what time different parts of the day occur (numbers/formation of time)		
	I know the days of the week.		
	I can use sequencers to say when I do/study different things in the school day.		
	I can describe a school trip I have been on/would like to go on.		

	<p>I can talk about extra-curricular activities.</p> <p>I can describe my teachers and say whether or not I get on well with them.</p> <p>I can give my opinion about all of the above.</p> <p>I know a variety of adjectives to describe subjects, buildings and teachers.</p> <p>I can justify my opinions about all of the above with reasons, using adjectives or descriptions.</p>		<p>com/shared/podcasts/title/13577/81459</p>
4. Work and future plans	<p>I can recognise and name a variety of jobs in Spanish.</p> <p>I know the gender of the words for different jobs and understand that this is not always dependent on whether the person doing the job is male or female.</p> <p>I can describe my part-time job or say what part-time job I would like to have and why.</p> <p>I can describe my work experience, saying what I did, what my boss was like, where it was, how long for and giving your opinion about how it went and why.</p> <p>I can say what I would like to do in the future and why.</p> <p>I can describe the personality traits that I have which would make me suitable for my preferred career.</p> <p>I can explain what kind of voluntary work I would/would not like to do and why.</p> <p>I can talk about what I would do on a gap year.</p> <p>I can describe my future study plans and why I would choose that path.</p> <p>I can use the formal register (usted instead of tu / ustedes instead of vosotros) in conversations with/letters to potential employers.</p> <p>I know a variety of adjectives to describe personalities and jobs.</p>	<p>uk.language-gym.com</p> <p>https://www.bbc.co.uk/bitesize/topics/znwjy9q</p>	<p>https://members.gcsepod.com/shared/podcasts/title/13579/81462</p> <p>https://members.gcsepod.com/shared/podcasts/title/13578/81460</p>
	<p>I know the names of a variety of countries, particularly those of the hispanic world.</p> <p>I can conjugate and use the present tense of 'ir' (to go) to describe where I normally go on holiday.</p> <p>I can conjugate and use the preterite tense of 'ir' to describe where I went on holiday in the past.</p> <p>I can conjugate and use the future or conditional tense of 'ir' to say where I am going to go/would go on holiday in the future.</p>		

5. <i>Holidays, customs and traditions</i>	I know a variety of types of accommodation in Spanish.		
	I can use the correct prepositions to say where, when and how I go on holiday and who with.		
	I know a variety of past, present and future time phrases/sentence starters. (Last year, normally, next year, 3 years ago...)	uk.language-gym.com	https://members.gcsepod.com/shared/podcasts/title/13575/81450
	I can talk about the weather in the present tense, using the correct verbs (hacer rather than es)	https://www.bbc.co.uk/bitesize/topics/zmc4t39	
	I can talk about the weather in the future tense.		https://members.gcsepod.com/shared/podcasts/title/13571/81437
	I can say what I do in different weathers/situations.	https://www.bbc.co.uk/bitesize/guides/zh6h47h/revision/1	
	I can describe holiday activities.		
	I can give my opinion about anything to do with my holidays with a reason.		
	I can understand directions.		
	I can ask for directions.		
	I can give directions.		
	I can make a booking for a hotel room, giving details about what kind of bed/view/bathroom etc. I want.		
	I can ask how much it costs.		
	I can make a complaint about my accommodation and explain what is wrong.		
	I can describe customs and traditions in Spain and the UK and make comparisons about them.		
I can use 'estar' to say where things are.			
I know a variety of places around town (museum, church, beach, town square etc.) in Spanish.			
I know the gender of the places around town so that I can make adjectives and articles agree correctly.			
I can use a/an/some/many etc. in Spanish to give an indication as to the number of facilities in town.			
I can use prepositions to help describe where I live (near, next to...)			

6. Town & Local Area	I can say what type of an area I live in (town, city, village, coast, mountains, countryside etc.)	uk.language-gym.com	https://members.gcsepod.com/shared/podcasts/title/13572/81440	
	I can use a variety of adjectives to describe where I live.	https://www.bbc.co.uk/bitesize/topics/z69kp-g8		
	I can say what there is to do (or not) and who I do it with.			
	I can say whether I like where I live or not.			
	I can say where I would prefer to live and why.			https://www.bbc.co.uk/bitesize/guides/zfhn-kmn/revision/1
	I can describe my ideal place to live and why using the conditional.			
	I can understand the different rooms in a house, as well as garden and garage etc.			
	I can give details about where each room is in my house.			
	I can arrange to meet up with someone, including what to do, where to meet, what time to meet.			
	I can talk about what I do to get ready to go out, including what I wear.			
	I know my colours in Spanish.			
	I can give an excuse as to why I can't go out with someone.			
	I can explain my daily routine using the time and reflexive verbs (me levanto etc.)			
I know numbers in Spanish.				
7. Healthy Living	I know a variety of foods and drinks in Spanish, including traditional Spanish foods (tapas etc.)	https://www.bbc.co.uk/bitesize/guides/zmq-2382/revision/1	https://members.gcsepod.com/shared/podcasts/title/13573/81442	
	I know a variety of different sports in Spanish, and whether they use hacer or jugar.			
	I know body parts in Spanish so that I can describe what's wrong.			
	I know a variety of illness and ailments in Spanish so that I can describe my symptoms to a pharmacist or Dr.			
	I know a variety of treatment options in Spanish at a surface level (take these pills x time a day; rest for x days; get some exercise; take this medicine...)			
	I can give advice as to how to maintain a healthy lifestyle using phrases such as 'se debe / hace falta / Hay que + infinitive, or the present subjunctive introductory phrases such as 'es importante que...)			

	<p>I can have a conversation with a pharmacist/chemist as to what's wrong, what I should do about it, how much a prescription costs etc.</p> <p>I can use time phrases to say how long symptoms have lasted.</p> <p>I can use time phrases to say how often I eat/drink/exercise etc.</p> <p>I can say what is healthy/unhealthy and why.</p> <p>I can use impersonal verbs or the passive voice to say what people in general should do.</p>		
8. Global Issues	<p>I can describe a variety of issues that affect the environment negatively.</p> <p>I can talk about the social issues that exist and where they are a problem, as well as why.</p> <p>I can explain world events such as climate change, famine or war in Spanish.</p> <p>I can describe what our human rights are in Spanish.</p> <p>I can explain what can be done about any of these issues.</p> <p>I can describe what I do at home and in my local area to help.</p> <p>I can describe some charities or good causes that exist to help.</p> <p>I can explain how I see the future being and what I think will happen if we don't act.</p> <p>I can use the present subjunctive to imply wishes for the future (ojala...)</p> <p>I can use impersonal verbs and the passive voice to explain and describe these issues.</p> <p>I can use the present continuous to describe what is happening now.</p>	<p>uk.language-gym.com</p> <p>https://www.bbc.co.uk/bitesize/topics/zfq7382</p>	<p>https://members.gcsepod.com/shared/podcasts/title/13574/81445</p>
	<p>I am confident with the gender of nouns in Spanish and common endings that give me a clue about it.</p> <p>I am confident with the concept of singular and plural in Spanish (formation, how it affects other words in the sentence etc.)</p> <p>I can make adjectives I use agree with the gender and number of the noun they are describing.</p> <p>I can make articles agree with the gender and number of the nouns (el, la, los, las, un, una, unos, unas)</p>	<p>uk.language-gym.com</p>	

9. Nouns, articles & adjectives	I know when to use un/una etc. versus el/la etc.	https://www.bbc.co.uk/bitesize/guides/zvqc6v4/revision/1 https://www.bbc.co.uk/bitesize/guides/zjv6cqt/revision/1	
	I know where articles go in relation to the noun.		
	I know where adjectives go in relation to the noun they are describing.		
	I can form and use the comparative form (el chocolate es mas rico que el arroz)		
	I can form and use the superlative form (el chocolate es lo mas rico)		
	I can use 'Lo' at the beginning of a sentence followed by an adjective (Lo interesante de las matematicas es que...)		
	I can use demonstrative adjectives in my writing and speaking (this/that etc.)		
	I can recognise and use indefinite articles in my writing and speaking (each/other/all...) and make them agree		
	I can use possessive adjectives (my, your etc.)		
	I can use interrogative adjectives (how much, that etc.)		
10. Adverbs, quantifiers & intensifiers	I can form adverbs correctly.	uk.language-gym.com https://www.bbc.co.uk/bitesize/guides/zm4fwty/revision/1	
	I know where adverbs go in a sentence.		
	I can form and use interrogative adverbs correctly (how, when, where in the middle of a sentence)		
	I can use adverbs of time and place (here, there, now, then, later)		
	I know a variety of quantifiers and intensifiers (very, too, a little, a lot)		
11. Pronouns	I know the 10 (8 for foundation) subject pronouns (I, you, he/she etc.)	uk.language-gym.com https://www.bbc.co.uk/bitesize/guides/znjrxy/revision/1 https://www.bbc.co.uk/bitesize/guides/zmjrxyc/revision/1	https://members.gcsepod.com https://members.gcsepod.com
	I know the full range of object pronouns (me, you, him/her, us, them...)		
	I know and can use reflexive pronouns (linked to reflexive verbs - especially daily routine verbs and gustarse/encantarse etc.)		
	I recognise and can use relative pronouns correctly (which, who, that etc.)		
	I know and can use disjunctive pronouns correctly (with me, for you...)		
	I know and can use demonstrative pronouns (this, that, something, someone etc.)		
	I can use negative pronouns (noone, nothing, not any...)		
	I know when and how to make pronouns agree with the noun that it is replacing in the sentence.		

12. Verbs - Present	I know how to conjugate regular -ar verbs in the present tense for all subjects.	uk.language-gym.com	https://members.gcsepod.com		
	I know how to conjugate regular -er verbs in the present tense for all subjects.				
	I know how to conjugate regular -ir verbs in the present tense for all subjects.				
	I am aware of key radical changing verbs (jugar to juego) and can use them effectively.				
	I know the present tense conjugation of 'ir' (to go)			https://www.bbc.co.uk/bitesize/guides/z4s2bdm/revision/1	https://members.gcsepod.com
	I know the present tense conjugation of 'hacer' (to do)				https://members.gcsepod.com
	I know the present tense conjugation of 'ser' (to be)				https://members.gcsepod.com
	I recognise and can use the present continuous (using pres. of estar plus gerrund)			https://www.bbc.co.uk/bitesize/guides/z4bh92p/revision/1	https://members.gcsepod.com
	I know phrases that trigger the use of the present subjunctive.				https://members.gcsepod.com
	I know how to form the present subjunctive for regular -ar, -er and -ir verbs.				https://members.gcsepod.com
	I can recognise and use key verbs that are irregular in the present subjunctive (tenga/hubiera/pudiera/sea)				https://members.gcsepod.com
13. Verbs - Past	I can conjugate and use regular -ar verbs in the preterite tense.	uk.language-gym.com	https://members.gcsepod.com		
	I can conjugate and use regular -er and -ir verbs in the preterite tense.				
	I know when to use the preterite tense and how it translates back to English.			https://www.bbc.co.uk/bitesize/guides/zhwgmfr/revision/1	https://members.gcsepod.com
	I can conjugate key verbs that are irregular in the preterite tense.				https://members.gcsepod.com
	I can conjugate and use regular -ar verbs in the imperfect tense.				https://members.gcsepod.com
	I can conjugate and use regular -er and -ir verbs in the imperfect tense.			https://www.bbc.co.uk/bitesize/guides/zjrn8xs/revision/1	https://members.gcsepod.com
	I know when to use the imperfect tense and how it translates back to English.				https://members.gcsepod.com
	I can conjugate key verbs that are irregular in the preterite tense.				https://members.gcsepod.com
	I can use the imperfect continuous			https://www.bbc.co.uk/bitesize/guides/zdrn8xs/revision/1	https://members.gcsepod.com
	I can recognise and use the perfect tense (present of haber + past participle)				https://members.gcsepod.com
	I can recognise and use the pluperfect tense (imperfect of haber + past participle)				https://members.gcsepod.com
	I can fully conjugate the verb 'ir' in the present tense.	uk.language-gym.com			
	I can use the conjugation of 'ir' in the present tense to form the near future by adding an infinitive verb.				

14. Verbs - future	I know the simple future endings by heart.	https://www.bbc.co.uk/bitesize/guides/zj9yj/hv/revision/1	https://members.gcsepod.com/shared/podcasts/chapter/70839
	I can form the simple future by taking the infinitive and adding the endings after the r.		
	I know the conditional endings by heart.		
	I can form the conditional by taking the infinitive and adding the conditional endings after the r.		
	I can recognise the difference between the simple future and the conditional.		
15. General vocabulary revision	I can recognise and understand vocabulary on the GCSE list at my level (foundation/higher)	www.thisislanguag.com You have a login for this. Go to vocabulary, choose the edexcel higher or foundation options, then test yourself/complete the activities.	10 minutes a day is better than an hour once a week.
	I can use a variety of vocabulary on each topic:		
	Self, family & friends		
	Hobbies, free time and leisure		
	School		
	Work & future plans		
	Holidays, customs & traditions		
	Town & local area		
	Healthy Living		
Global Issues			

Hospitality and Catering

	Hospitality and Catering			
	1 hour revision slot	Small Steps	Resources links	GCSE Pod link
1	Food Standards and Ratings	Do you know the food standards and methods of rating foods	Resource WJEC Educational Resources Website	N/A
2	Types of Hospitality and Catering provisions	Why are some types of Hospitality and Catering better than others	Resource WJEC Educational Resources Website	N/A
3	Types of service in commercial and non-commercial provisions	What are the different types of service and why is this important	Resource WJEC Educational Resources Website	N/A
4	Types of employment roles and responsibilities within the industry	What are the different employment roles and their function in the hospitality and catering industry	Resource WJEC Educational Resources Website	N/A
5	Working conditions in the hospitality and catering industry	What are the expected level of conditions for working in the hospitality and catering industry	Resource WJEC Educational Resources Website	N/A
6	Health and safety in hospitality and catering provisions	What are the H&S rules and regulations in the Hospitality and Catering industry	Resource WJEC Educational Resources Website	N/A
7	Food safety	How do you keep yourself and customers safe	Resource WJEC Educational Resources Website	N/A
8	Contributing Factors to the success of hospitality and catering provision	What makes a good hospitality and catering venue	Resource WJEC Educational Resources Website	N/A
9	The operation of front and back of house	What are the names of the front and back of house positions and what are their main duties	Resource WJEC Educational Resources Website	N/A
10	The operation of kitchen	What is the staffing structure and what equipment might you might find	Resource WJEC Educational Resources Website	N/A
11	Food related causes of ill health	What causes food related illness	Resource WJEC Educational Resources Website	N/A

12	Symptoms and signs of food-induced ill-health	What are the symptoms of food related illness	Resource WJEC Educational Resources Website	N/A
13	Preventative control measures of food-induced ill-health	What preventative measures can you take to control food related illness	Resource WJEC Educational Resources Website	N/A
14	The Environmental Health Officer	What are the role and responsibilities of the venue and the environmental health officer.	Resource WJEC Educational Resources Website	N/A

Computer Science

		Computer Science		
	1 hour revision slot	Small Steps	Resources links	GCSE Pod link
1	Paper 1 The CPU	FDE cycle, CPU Components, Von Neumann Architecture, Performance, Embedded systems	Google Classroom, BBC Bitesize, GCSE Pod	https://members.gcsepod.com/shared/podcasts/title/13837/83777
2	Paper 2 Computational Thinking	Abstraction, Decomposition	Google Classroom, BBC Bitesize, GCSE Pod	https://members.gcsepod.com/shared/podcasts/title/13843/83828
3	Paper 1 Memory	Primary Storage, ROM, RAM, Advantages, Storage units, Data capacity	Google Classroom, BBC Bitesize, GCSE Pod	https://members.gcsepod.com/shared/podcasts/title/13838/83779
4	Paper 2 Algorithms	Structure diagrams, Flowcharts, Inputs, Process & Outputs	Google Classroom, BBC Bitesize, GCSE Pod	https://members.gcsepod.com/shared/podcasts/title/13843/83828
5	Paper 1 Compression	Characters, Images, Sound, Compression need, Lossy, Lossless	Google Classroom, BBC Bitesize, GCSE Pod	https://members.gcsepod.com/shared/podcasts/title/13838/83779
6	Paper 2 Searches & Sorts	Binary, Linear, Bubble, Merge & Insertion sorts	Google Classroom, BBC Bitesize, GCSE Pod	https://members.gcsepod.com/shared/podcasts/title/13843/83828
7	Paper 1 Networks	Network topologies, Performance factors, LANS, the internet, Star & Mesh networks	Google Classroom, BBC Bitesize, GCSE Pod	https://members.gcsepod.com/shared/podcasts/title/13839/83797
8	Paper 2 Data Types & Programming Fundamentals	Data types & programming practice	Google Classroom, BBC Bitesize, GCSE Pod	https://members.gcsepod.com/shared/podcasts/title/13844/83831
9	Paper 1 Wired & Wireless networks & Protocols	Modes of connection, Protocols, Encryption, Layers	Google Classroom, BBC Bitesize, GCSE Pod	https://members.gcsepod.com/shared/podcasts/title/13840/83811

10	Paper 2 Boolean Logic	Logic diagrams & truth tables	Google Classroom, BBC Bitesize, GCSE Pod	https://members.gcsepod.com/shared/podcasts/title/13846/83850
11	Paper 1 Network Threats & issues	Forms of Attack, Prevention Methods	Google Classroom, BBC Bitesize, GCSE Pod	https://members.gcsepod.com/shared/podcasts/title/13842/83817
12	Paper 2 IDEs & Languages	IDEs, High & Low level languages	Google Classroom, BBC Bitesize, GCSE Pod	https://members.gcsepod.com/shared/podcasts/title/13847/83852
13	Paper 1 Operating Systems	Purpose & Functionality, Utility software	Google Classroom, BBC Bitesize, GCSE Pod	https://members.gcsepod.com/shared/podcasts/title/13841/83814
14	Paper 2 Programming Fundamentals	Programming Practice	Google Classroom, BBC Bitesize, GCSE Pod	https://members.gcsepod.com/shared/podcasts/title/13844/83831
15	Paper 1 Ethics	Impacts & Legislation	Google Classroom, BBC Bitesize, GCSE Pod	https://members.gcsepod.com/shared/podcasts/title/13842/83817

Design and Technology

	Design and Technology			
	1 hour revision slot	Small Steps	Resources links	GCSE Pod link
1	Categories and properties of materials	What are the different categories of materials, their uses and properties and can you name examples of each material type	MATERIALS INCLUDING: LEVEL 1/2 TECHNICAL AWARD MATERIALS TECHNOLOGY (technologystudent.com)	GCSEPod
2	Stock forms and Standard components	Can you identify stock forms of material and standard components and suggest an appropriate use	MATHEMATICS IN DESIGN AND TECHNOLOGY (technologystudent.com)	GCSEPod
3	Presentation of data, diagrams and charts	Can you identify the different types of charts and tables#	MATHEMATICS IN DESIGN AND TECHNOLOGY (technologystudent.com)	GCSEPod
4	Drawing and interpreting graphs	Can you interpret data into the correct type of tables and charts and plot this correctly	MATHEMATICS IN DESIGN AND TECHNOLOGY (technologystudent.com)	GCSEPod
5	Wider implications in D&T	Do you know the 6R's and how each one of them can be applied to a product	Technology and the Environment (technologystudent.com)	GCSEPod
6	Context, usability and Design communication	Can you identify; problems within a design context, different drawing techniques and use them when re-designing products	THE NEW DESIGN AND TECHNOLOGY GCSE (technologystudent.com)	GCSEPod
7	Opportunities and constraints	Do you know that sometimes you have to compromise when designing products. Do you know what ACCESSFM stands for	THE NEW DESIGN AND TECHNOLOGY GCSE (technologystudent.com)	GCSEPod
8	New and Emerging Production Methods	What are New and Emerging Production Methods and how do they impact the design industry	THE NEW DESIGN AND TECHNOLOGY GCSE (technologystudent.com)	GCSEPod
9	Emerging Technologies and Ethics	What are new and emerging technologies and the potential ethical issues surrounding them	THE NEW DESIGN AND TECHNOLOGY GCSE (technologystudent.com)	GCSEPod
10	Energy Sources and Generation	What are the positives and negatives of different types of energy storage and generation	Technology and the Environment (technologystudent.com)	GCSEPod
11	Metric units, decimals and standard form	Can you use, metric units, decimals and standard form when responding to calculation questions	MATHEMATICS IN DESIGN AND TECHNOLOGY (technologystudent.com)	GCSEPod

12	Ratios, Fractions and Percentages	Can you scale drawings, and calculate profit margins	MATHEMATICS IN DESIGN AND TECHNOLOGY (technologystudent.com)	GCSEPod
13	Surface Area and Volume	Can you calculate surface are and volume of simple and complex shapes and link itthis to material consting	MATHEMATICS IN DESIGN AND TECHNOLOGY (technologystudent.com)	GCSEPod
14	Controlled movement in products	Can you name and identify uses of the different types of gear trains, levers, cams and pulley's & belts	Mechanisms Index Page (technologystudent.com) https://www.technologystudent.com/gears1/geardex1.htm https://www.technologystudent.com/forcmom/forcedex.htm	GCSEPod
15	Electronic Systems	Can you identify input, process and output components and sequence electronic systems using flowcharts	Electronic Components and Symbols - 1 (technologystudent.com)	GCSEPod

GCSE OCR Music - (Listening Exam)

Detailed OCR GCSE Music revision guide: <https://sites.google.com/manningtreehigh.com/year-11-music/home?authuser=0>

1 hour revision slot	Small Steps	Resources links	GCSE Pod link
1	<p>Ensure you have a clear understanding of:</p> <p>Melody: (Range, Pitch, Sequence, Interval, Scalic, Conjunct, Disjunct, Ornaments, etc)</p> <p>Articulation: (Staccato, Legato, Slured, Pizzicato, Tremelo, Accents, etc)</p>	<p>Melody: https://www.youtube.com/watch?v=sxrWu1FQaQ&t=1s</p> <p>Articulation: https://www.youtube.com/watch?v=-rn5WJJfsX8</p> <p>Please also use your revision guides & Knowledge Organisers found on Google Classroom.</p>	NA
2	<p>Ensure you have a clear understanding of:</p> <p>Dynamics: (pp=pianissimo, p=piano, mp= mezzo piano, mf = mezzo forte, f= forte, ff= fortissimo, crescendo, diminuendo, etc)</p> <p>Texture (Monophonic, Polyphonic, Homophonic, Heterophonic, Melody and Accompaniment, A Capella, Unison, etc)</p>	<p>Dynamics: https://www.youtube.com/watch?v=OCCVhRvBe8A</p> <p>Texture: https://www.youtube.com/watch?v=wXM0j7ILL_w&t=574s</p> <p>Please also use your revision guides & Knowledge Organisers found on Google Classroom.</p>	NA
3	<p>Ensure you have a clear understanding of:</p> <p>Structure (AB= Binary, ABA= Ternary, ABACA= Rondo, Strophic, Pop Structure, 12 Bar Blues, etc)</p> <p>Harmony (Chords, Major, Minor, Consonant, Disonant, Key change?, Drone, etc)</p> <p>Instrumentation (Percussion, Brass, Woodwind, Strings and the individual instruments within)</p>	<p>Structure: https://www.youtube.com/watch?v=xE6PpAbkjz4&t=19s</p> <p>Harmony: https://www.youtube.com/watch?v=reLN1p5STSw&t=3s</p> <p>Instruments: https://www.youtube.com/watch?v=tA6NxJcDAiw</p> <p>Please refer to revision guides & Knowledge Organisers on Google Classroom.</p>	NA
4	<p>Ensure you have a clear understanding of:</p> <p>Rhythm (AB= Binary, ABA= Ternary, ABACA= Rondo, Strophic, Pop Structure, 12 Bar Blues, etc)</p> <p>Tempo (BPM, Largo, Adagio, Andante, Moderato, Allegro, Presto, etc)</p> <p>Time Signature (beats per bar= 2/4, 4/4, 3/4, 6/8, 12/8, irregular, common, etc)</p>	<p>Time, Tempo and Rhythm: https://www.youtube.com/watch?v=UqW_H11Rvfg&t=137s</p> <p>Please also use your revision guides & Knowledge Organisers found on Google Classroom.</p>	NA
5	<p>Assess your listening skills by having a go at a variety of quizzes.</p>	<p>Madtshirt 101 - Freyer Model: https://www.youtube.com/watch?v=gfnaM6u9tE0</p> <p>Harmony Quiz: https://www.youtube.com/watch?v=92LxmRijVpw&t=234s</p> <p>Instrument Recognition Quiz: https://www.youtube.com/watch?v=i87TjN7FWwQ</p> <p>Mad T-shirt listening quiz: melody articulation tempo rhythm: https://www.youtube.com/watch?v=RN_Utpk-LRI&t=105s</p>	NA
6	<p>Ensure you have a clear understanding of:</p> <p>Key vocabulary musical features of Baroque music</p> <p>Key vocabulary and musical features of the Baroque Concerto</p> <p>Atleast 2 Baroque composers</p>	<p>Baroque Features: https://www.youtube.com/watch?v=wXtYLSKXjgo</p> <p>Baroque Concerto: https://www.youtube.com/watch?v=4ObukMS1v0w</p> <p>Please refer to revision guides & Knowledge Organisers on Google Classroom: AOS2 The Concerto Through Time</p>	NA

7	Area of Study 2: The Concerto Time	AOS2: Classical Focus	Ensure you have a clear understanding of: Key vocabulary musical features of Classical music Key vocabulary and musical features of the Classical Concerto Atleast 2 Classical composers	Classical Features: https://www.youtube.com/watch?v=81POr1RrcCc&t=10s Classical Concerto: https://www.youtube.com/watch?v=6-7VbxD-1dA Please refer to revision guides & Knowledge Organisers on Google Classroom: AOS2 The Concerto Through Time	NA
8		AOS2: Romantic Focus	Ensure you have a clear understanding of: Key vocabulary musical features of Romantic music Key vocabulary and musical features of the Romantic Concerto Atleast 2 Romantic composers	Romantic Features: https://www.youtube.com/watch?v=7VJtknZcQk0 Romantic Concerto: https://www.youtube.com/watch?v=TeG5bK_gNJU Please refer to revision guides & Knowledge Organisers on Google Classroom: AOS2 The Concerto Through Time	NA
9	Area of Study 3: Rhythms of the World	AOS3: Indian Classical and Bhangra Focus	Ensure you have a clear understanding of: Musical features of the style. Pay particular attention to rhythmic features Atleast 5 instruments commonly used Atleast one well known composer/artist/band	Indian Music: https://www.youtube.com/watch?v=hxOPn3Lww4E Bhangra: https://www.youtube.com/watch?v=0G-ye4xnqPE Please refer to revision guides & Knowledge Organisers on Google Classroom: AOS3 Rhythms of the World	NA
10		AOS3: Greek, Israeli, Palestinian and African Music Focus	Ensure you have a clear understanding of: Musical features of the style. Pay particular attention to rhythmic features Atleast 5 instruments commonly used Atleast one well known composer/artist/band	Greek, Israeli and Palestinian Music: https://www.youtube.com/watch?v=x2AHOSAN African Music: https://www.youtube.com/watch?v=lqZkm3iHXUo Please refer to revision guides & Knowledge Organisers on Google Classroom: AOS3 Rhythms of the World	NA
11		AOS3: Calypso and Samba Focus	Ensure you have a clear understanding of: Musical features of the style. Pay particular attention to rhythmic features Atleast 5 instruments commonly used Atleast one well known composer/artist/band	Calypso: https://www.youtube.com/watch?v=33iC73C6U5k Samba: https://www.youtube.com/watch?v=Eq3RRGIG86Q Please refer to revision guides & Knowledge Organisers on Google Classroom: AOS3 Rhythms of the World	NA
12	Area of Study 4: Film Music	AOS4: Leitmotifs and Atmosphere Focus	Ensure you have a clear understanding of: How the use of leitmotifs and atmosphere can create/impact the film's mood/emotion Key musical features of atmospheric music Atleast two film composers	Leitmotifs: https://www.youtube.com/watch?v=XacN75fRBuI Atmosphere: https://www.youtube.com/watch?v=yVVg-95K2nc&t=2s Please refer to revision guides & Knowledge Organisers on Google Classroom: AOS4 Film Music	NA
13		AOS4: Diegetic, Tension and Computer Game Music Focus	Ensure you have a clear understanding of: The difference between diegetic and non diegetic music Key musical features of tension & how it can create/impact mood/emo Key Musical features of gaming music and atleast one composer	Diegetic Music: https://www.youtube.com/watch?v=N0zU7E_-5qo Tension: https://www.youtube.com/watch?v=as_FkQenP-8 Computer Game Music: https://www.youtube.com/watch?v=aXnxGDxtff4 Please refer to revision guides & Knowledge Organisers on Google Classroom: AOS4 Film Music	NA
14	Pop Conventions	AOS5: Voices and Instruments of Pop Focus	Ensure you have a clear understanding of: The different types of voices and vocal techniques Instruments and guitar effects Technology used (sampling, synthesisers, multitracking, reverb, DAW, distortion, etc)	Voices in Pop: https://www.youtube.com/watch?v=W2rSTMiXT3Q Instruments of Pop: https://www.youtube.com/watch?v=NzVanMOoT3g Please refer to revision guides & Knowledge Organisers on Google Classroom: AOS5 Pop Conventions	NA

15	Area of Study 5: P.c	AOS5: Blues, Rock 'n' Roll, Rock Anthems, Pop Ballads and Solo Artist Focus	Ensure you have a clear understanding of: Key musical features of each style covered Atleast 1 band and 1 famous artist for each style Technology used (sampling, synthesisers, multitracking, reverb, DAW, distortion, etc)	Blues to Rock 'n' Roll: https://www.youtube.com/watch?v=51PBI9CIIIs&t=31.6s Rock Anthems, Pop Ballads and Solo Artists: https://www.youtube.com/watch?v=1aH6TGNmRmE Please refer to revision guides & Knowledge Organisers on Google Classroom: AOS5 Pop Conventions	NA
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BTEC Sport Component 3

	1 hour revision slot	Small Steps	Resources links	GCSE Pod link
1	Components of Fitness	Define the Physical Components of Fitness Define the Skill related Components of fitness Give sporting examples for each component of fitness	https://www.youtube.com/watch?v=votc_Gdfo4c	https://members.gcsepod.com/shared/podcasts/chapter/74991 https://members.gcsepod.com/shared/podcasts/chapter/74992
2	Principles of Training	Identify and explain the FITT Principles of Training Identify and explain the Additional Principles of Training Give examples of how these are applied	https://quizizz.com/admin/quiz/5dd67ac7f91a94001c310443/principles-additional-principles-of-training https://www.youtube.com/@thepeclassroom5215/videos	https://members.gcsepod.com/shared/podcasts/chapter/78304
3	Exercise Intensities	Explain the calculation for maximum Heart Rate Recall the Borg Scale calculation and explain how this measures Heart Rate Explain ways to monitor Heart Rate Give the % for the Aerobic Training Zone and the Anaerobic Training Zone Explain why you need to train in the correct zone Explain how to calculate 1RM for Strength and 15RM for Muscular Endurance	https://www.youtube.com/watch?v=Q4fNBk7TM7Y&list=PL2VOuuWnbIB3eZFUtoGk5oYsLNCM0H8Cn&index=3 https://www.youtube.com/watch?v=vUe_uAP4eFQ&list=PL2VOuuWnbIB3eZFUtoGk5oYsLNCM0H8Cn&index=4 https://www.youtube.com/watch?v=qhOGFYb35ZY	https://members.gcsepod.com/shared/podcasts/chapter/54463
4	Fitness Testing	Explain the reasons for Fitness Testing Explain the pre-test procedures for Fitness Testing Explain factors affecting reliability	https://www.youtube.com/watch?v=fTYMDyLH4&list=PL2VOuuWnbIB3eZFUtoGk5oYsLNCM0H8Cn&index=5 https://www.youtube.com/watch?v=naW6O2h3ya4&list=PL2VOuuWnbIB3eZFUtoGk5oYsLNCM0H8Cn&index=11	https://members.gcsepod.com/shared/podcasts/chapter/73720
5	Fitness Testing for Components of Physical Fitness	Aerobic Endurance: Multi stage Fitness Test, Yo-Yo Test, Harvard Step Test and 12minute Cooper Run/Swim Body Composition: Body Mass Index (BMI) / Bioelectrical Impedance Analysis (BIA)/ Waist to hip ratio	https://youtube.com/playlist?list=PLf1O7cS7eSWCwQNFgldgDGUehw3772Kaw&si=bcZFljeXsjgb9B5m	https://members.gcsepod.com/shared/podcasts/chapter/73720
6	Fitness Testing for Components of Physical Fitness	Muscular Endurance: One-minute press-up/ One-minute Sit-up/ Timed plank test Flexibility: Sit and Reach test/ Calf muscle flexibility test/ Shoulder flexibility test Speed: 30m Sprint test/ 30m flying sprint Muscular Strength: Grip dynamometer/ 1 Rep Max.	https://youtube.com/playlist?list=PLf1O7cS7eSWCwQNFgldgDGUehw3772Kaw&si=bcZFljeXsjgb9B5m	https://members.gcsepod.com/shared/podcasts/chapter/73720
7	Fitness Testing for Components of Skill Related Fitness	Agility: Illinois Agility run test/ T Test Balance: Stork stand test/ Y Balance Test Co-ordination: Alternate-hand Wall-toss test/ Stick flip coordination test Power: Vertical Jump test/ Standing broad jump/ Margaria-Kalamen Power test Reaction Time: Ruler drop test/ Online reaction time test	https://quizizz.com/admin/quiz/5bd2d5edfce78a001b0cdad9/fitness-tests?isSuperRecommended=false	https://members.gcsepod.com/shared/podcasts/chapter/73720

8	Training Methods for Physical Components of Fitness	Training Methods for Aerobic Endurance (Continuous, Fartlek, Interval, Circuit) Training Methods for Flexibility (Static Active Stretching, Static Passive Stretching, PNF Stretching)	https://youtu.be/xRN1g_vfDDw?si=A4QVsQLGNhCR6oPa https://youtu.be/H5QOVsK9Y?si=dOpkAG0QxpA0pa_O https://youtu.be/X4B0xPVpqa?si=nADYBc9sV9jgqSV4 https://youtu.be/biY_F3-w6p4?si=m67J-r0L7XWkvyL8	https://members.gcsepod.com/shared/playlists/playlist/7306299
9	Training Methods for Physical Components of Fitness	Training Methods for Muscular Endurance (Free Weights and Fixed Resistance Machines, Circuit Training) Training Methods for Muscular Strength (Free Weights and Fixed Resistance Machines) Training Methods for Speed (Acceleration Sprints, Resistance Drills)	https://youtu.be/hn0hc5BkO3g?si=4sDcJf-qMAVVG5K4 https://youtu.be/q6e2msgP2wg?si=up84wjYqlyd55bVW	https://members.gcsepod.com/shared/playlists/playlist/7306299
10	Training Methods for Skill Related Components of Fitness	Training Methods for Agility (SAQ) Training Methods for Power (Plyometrics) Training Methods for Balance Training Methods for Co-ordination Training Methods for Reaction Time	https://youtu.be/vSzHLC-8r1Y?si=b5j-hq4gxCOYHblZ	https://members.gcsepod.com/shared/podcasts/chapter/79525
11	Training Provision	Types of Provision for Fitness Training (Public, Private, Voluntary) Advantages and Disadvantages of Each	https://youtu.be/SpqdJHHunDg	N/A
12	Effects of Exercise	Effects of Long Term Exercise on the Body Systems: Aerobic Endurance Training Muscular Endurance Training Flexibility Training Muscular Strength and Power Training Speed Training	https://www.youtube.com/watch?v=-QF7JIPZ8q4	https://members.gcsepod.com/shared/podcasts/chapter/78313
13	Motivation Factors	Definition of Motivation Types of Motivation (Extrinsic and Extrinsic) Benefits of Motivation on the Sports Performer	https://www.youtube.com/watch?v=WhQu-L3VhIU&list=PL2VOuuWnbIB3eZFl https://www.youtube.com/watch?v=bwGoAkQuMFI&list=PL2VOuuWnbIB3eZFl	https://members.gcsepod.com/shared/podcasts/chapter/72799
14	Motivation Factors	Goal Setting SMARTER Targets Influence of Goal Setting on Motivation	https://www.youtube.com/watch?v=Q5SB3JMJ_kk	https://members.gcsepod.com/shared/podcasts/chapter/78315
15	Training Programme Design	Personal Information Needed for Training Programmes Applying Principles of Training	https://www.bbc.co.uk/bitesize/guides/z2r34j6/revision/1	https://members.gcsepod.com/shared/podcasts/chapter/78305

BTEC Health and Social Care Component 3

	1 hour revision slot	Small Steps	Resources links	GCSE Pod link
1	Factors Affecting Health and Wellbeing	<p style="text-align: center;">Definition of Health and Wellbeing</p> <p>Physical Ill Health - Explain what these are and how these can impact health and wellbeing (Cardiovascular Disease, Obesity, Diabetes)</p>	https://www.youtube.com/watch?v=iP1qwexp8C8&list=PLp8BSCLLWBUA-4mj_vxoHdCkAQYth_PbR&index=2	N/A
2	Physical Factors Affecting Health and Wellbeing	<p style="text-align: center;">Explain the different Inherited Conditions and how they can impact health and wellbeing (Sickle Cell Disease, Cystic Fibrosis)</p>	https://www.nhs.uk/conditions/sickle-cell-disease/ https://www.nhs.uk/conditions/cystic-fibrosis/	N/A
3	Physical Factors Affecting Health and Wellbeing	<p style="text-align: center;">Explain the different Mental Ill Health issues and how they can impact health and wellbeing (Anxiety, Stress)</p>	Revision Guide	N/A
4	Physical Factors Affecting Health and Wellbeing	<p style="text-align: center;">Explain Sensory Impairments and Physical Disabilities and how they can impact health and wellbeing</p>	Revision Guide	N/A
5	Lifestyle Factors Affecting Health and Wellbeing	<p style="text-align: center;">Nutrition, Physical Activity, Smoking, Alcohol, Substance Misuse</p> <p>Explain each and how they can have a positive/ negative impact on health and wellbeing</p>	https://www.bbc.co.uk/bitesize/guides/zxj87hv/revision/3	N/A
6	Social Factors Affecting Health and Wellbeing	<p style="text-align: center;">Explain each and how they can have a positive/ negative impact on health and wellbeing</p> <p>Supportive and unsupportive relationships with others (Friends, family, peers)</p> <p style="text-align: center;">Social inclusion and exclusion</p> <p style="text-align: center;">Bullying</p> <p style="text-align: center;">Discrimination</p>	Revision Guide	N/A

7	Cultural Factors Affecting Health and Wellbeing	Explain each and how they can have a positive/ negative impact on health and wellbeing Religion Gender Roles and expectations Gender Identity Sexual Orientation Community Participation	Revision Guide	N/A
8	Economic Factors Affecting Health and Wellbeing	Explain each and how they can have a positive/ negative impact on health and wellbeing Employment Situation Financial Resources - Income, Inheritance, Savings	Revision Guide	N/A
9	Environmental Factors Affecting Health and Wellbeing	Explain each and how they can have a positive/ negative impact on health and wellbeing Housing needs, condition, location Home environment Exposure to Pollution (Air, noise, light)	Revision Guide	N/A
10	Interpreting Health Indicators	Resting Heart Rate Blood Pressure Body Mass Index (BMI) Significance of Abnormal Readings	Revision Guide	N/A
11	Published Guidelines on Lifestyle Indicators	Nutrition - Eatwell Guide Physical Activity - UK Chief Medical Officers' Physical Activity Guidelines Smoking - UK Chief Medical Officers' Smoking Guidelines Alcohol - UK Chief Medical Officers' Alcohol Guidelines	Revision Guide	N/A
12	Person Centred Approach to Health and Social Care	How the person centred approach takes into account an individuals needs, wishes and circumstances The importance of a person centred approach to care users The Benefit of a person centred approach to Health and Social Care workers and services	https://www.youtube.com/watch?v=h20SIhv2Fdw&list=PLp8BSCLLWBUA-4mj_vxoHdCkAQYth_PbR&index=4	N/A

13	Actions to Improve Health and Wellbeing	Established recommendations to improve Health and Wellbeing Support to Improve Health and Wellbeing (Formal and Informal)	https://www.youtube.com/watch?v=um8MqZMG-QA&list=PLp8BSCLLWBUA-4mj_vxoHdCkAQYth_PbR&index=3	N/A
14	Barriers to Improving Health and Wellbeing	<p>Definition of Barriers</p> <p>Physical Barriers</p> <p>Barriers to People with a sensory disability</p> <p>Barriers to people with different social and cultural backgrounds</p> <p>Barriers to people with English as an additional language or speech impairments</p> <p>Geographical Barriers</p> <p>Financial Barriers</p> <p>Resource Barriers to service providers</p>	Revision Guide	N/A
15	Obstacles to Improving Health and Wellbeing	<p>Definition of Obstacles</p> <p>Emotional and Psychological Obstacles and how to overcome these</p> <p>Time constraints and how to overcome these</p> <p>Availability of resources and how to overcome these</p> <p>Unachievable targets and how to overcome these</p> <p>Lack of support and how to overcome this</p>	Revision Guide	N/A

Exam Walkthrough

https://www.youtube.com/watch?v=WYdNyAnEcQc&list=PLp8BSCLLWBUA-4mj_vxoHdCkAQYth_PbR&index=1

BTEC Travel and Tourism Component 3

	1 hour revision slot	Small Steps	Resources links	GCSE Pod link
1	Factors influencing global travel & tourism	What are the factors that influence global travel & tourism	https://www.youtube.com/watch?v=vhVoTp-JHrs https://www.youtube.com/watch?v=ly40ueSMzv8	N/A
2	Economic factors	How do economic factors influence travel & tourism?	Effects of a recession: What is a recession? CNBC Explains - YouTube Effects of economic growth/employment: Why does economic growth matter? - YouTube Impacts of exchange rates: Inbound Tourism Trends Quarterly (visitbritain.org)	N/A
3	Political factors	What role do politics play on travel & tourism?	Rising fuel costs: How Have Fuel Prices Affected the Airline Industry? (theclassroom.com) France: Authorities ban tourists without Covid booster jab from entering the country Travel News Travel Express.co.uk Express article – France makes entry illegal without a Covid booster jab Entry requirements - USA travel advice - GOV.UK (www.gov.uk) - USA visa requirements The Capitol Riots: An Hour-By-Hour Timeline - YouTube The Capitol Riots (USA) Flybe: What is air passenger duty? - BBC News Air Passenger Duty New plan to drive rapid recovery of tourism sector - GOV.UK (www.gov.uk) Gov.UK new plan to drive rapid recovery of tourism sector	N/A
4	Natural factors	How can natural disasters influence travel and tourism?	Venice floods can't stop tourists from visiting stores, restaurants - YouTube	N/A
5	Media factors	What role can the media play in influencing travel & tourism?	https://www.youtube.com/watch?v=Ey-cW2St9B4	N/A
6	Safety, security & health risk factors	What role does feeling safe have on travel & tourism?	Foreign travel advice - GOV.UK (www.gov.uk) .	N/A
7	Response to factors	How do stakeholders respond to these factors?	public, private and voluntary sectors e.g., Private and Public Sector Organisations - YouTube (private and public sector organisations) and Charities and 3rd Sector General definition - YouTube (voluntary sector organisations).	N/A

8	Impacts of tourism	Can travel & tourism be a force for good?	https://www.youtube.com/watch?v=nyi8UbOGHr8&t=100s https://www.youtube.com/watch?v=u-Ri5-NhtEc	https://members.gcsepod.com/shared/podcasts/title/11672/72050 https://members.gcsepod.com/shared/podcasts/title/11360/68972
9	Sustainable tourism	Can travel & tourism be sustainable?	https://www.youtube.com/watch?v=kgAHZHkMTQU	N/A
10	Managing sociocultural impacts	How do we manage the impacts?	https://www.youtube.com/watch?v=k34sY-npVg0&t=25s Why Tourism Planning Is Important - YouTube	N/A
11	Managing economic impacts	How do we manage the economical impacts?	https://www.youtube.com/watch?v=nyi8UbOGHr8&t=100s	N/A
12	Managing environmental impacts	How should we manage the environmental consequences?	https://www.youtube.com/watch?v=izSDxMHUo9Q&t=43s https://www.youtube.com/watch?v=Kdi8uccHTXY Destination Management Plans - YouTube	N/A
13	Tourism development	How does tourism develop?	Butler's Tourism Area Lifecycle Model Made SIMPLE - YouTube.	N/A
14	Role of local & national governments in tourism development	What role does local and national governance play?	Tourism Mediterranean Spain Mature Tourist Destinations (geographyfieldwork.com) Tourism and the Butler Model in Sitges and Calafell (geographyfieldwork.com)	N/A

15	Importance of partnerships in destination management	Why are partnerships important?	Scottish Government outlines new plan for 2020-2021 Scottish Tourism Alliance, BEST' Plan – A Stimulus Package for the Barbados Tourism Sector – CARICOM Today	N/A
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