

Broughton Hall's December 2024 Mock Exam 15 Day Plan



A tool to support revision, to prepare you for your Mock Exams.

As you prepare for your mock exams, we are introducing you to the 15-day revision plan designed to help you succeed. Each day, you'll be given small activities, one for science and maths based on the revision lists. This will give you a structure that focuses on a variety of subjects each day, ensuring a well-rounded approach to your revision.

By completing these activities, you'll recap your understanding and build confidence, putting you in a strong position for your mock exams. While these tasks are an excellent way to support your revision, we encourage you to supplement them with additional study as needed.

Each activity comes with links to helpful resources. If you have any trouble accessing the internet, remember that Homework Club is available Monday to Wednesday from 3-4 PM to provide additional support.

Good luck and make the most of these next 15 days together!

Science Websites to help!	Maths Websites to help!
<ul style="list-style-type: none"> • Seneca • Cognito • MME revise • Footprint Science • Focus Learning • YouTube (Cognito, fuse school, free science lessons, primrose kittens) • BBC Bitesize • Quizlet • CPG Free 10-minute GCSE tests • Revision Guide (Purchased from Mrs Selsby for £10) 	<ul style="list-style-type: none"> • Sparx • BBC Bitesize • Maths Genie • Khan Academy

Revision Lists

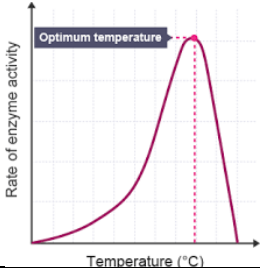
Biology	Chemistry	Physics
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<p>Foundation</p> <ul style="list-style-type: none"> • Digestion and enzymes • The food tests required practical • Human diseases including bacterial infections and antibiotics • Plant diseases • Cancer • Photosynthesis • Diffusion and active transport • Mitosis and the cell cycle • The nervous system • Reaction times required practical • The endocrine system 	<p>Foundation</p> <ul style="list-style-type: none"> • C4.6 - Required practical measuring rate of reaction. Catalysts, equilibrium & reversible reactions • C4.7 - Crude oil, Fractional distillation & Cracking • C4.8 - Testing for gases, Chromatography & Rf values • C4.9 - Gases in the atmosphere past & present, combustion & pollution. • C4.10 - Sustainable development. Required practical analysing dissolved solids in water & potable water • C4.2 Ionic bonding, Giant covalent structures & Nanoscience • C4.3 Calculating Mr • 	<p>Foundation</p> <ul style="list-style-type: none"> • Density + Required Practical • Particle model • GPE + Elastic energy + Kinetic Energy • Electrical circuits • Electrical power and charge • Solar power and renewables • SHC • Ohms law • Radioactive decay + properties
<p>Higher</p> <ul style="list-style-type: none"> • The heart • Treatments for heart disease • Mitosis and the cell cycle • Digestion and enzymes • The amylase and pH required practical • Bacterial infections and antibiotics • Photosynthesis • Cancer • The nervous system • Reaction times required practical • The endocrine system 	<p>Higher</p> <ul style="list-style-type: none"> • C4.6 Required practical measuring rate of reaction, catalysts, graph analysis & using a tangent to calculate rate. Equilibrium & reversible reactions. • C4.7 Alkanes, fractional distillation & cracking. • C4.8 Testing for gases. Chromatography & Rf values. • C4.9 Global warming - causes, effects & prevention. Combustion & pollution • C4.10 Required practical analysing dissolved solids in water. Potable water. • C4.2 Ionic bonding, Giant covalent structures & Nanoscience • C4.3 Calculating Mr 	<p>Higher</p> <ul style="list-style-type: none"> • Ohms law • Electrical energy and power • Component characteristics • Radioactive decay • Energy resources • KE + GPE • Density • Electrical power • Internal energy + SHC
<p>Separate</p> <ul style="list-style-type: none"> • Cells • Diffusion, osmosis, active transport and the significance of surface area • The osmosis required practical 	<p>Separate</p> <ul style="list-style-type: none"> • C4.6 Required practical measuring rate of reaction, catalysts, graph analysis & using a tangent to calculate rate. Equilibrium & reversible reactions. 	<p>Separate</p> <ul style="list-style-type: none"> • Electrical energy and power • Ohms law + Charge • SHC • Nuclear fission + fusion • Component characteristics • Density

<ul style="list-style-type: none"> • Bacterial, viral and fungal infection • The food tests required practical • Microscopes and magnification • Plant and animal defence mechanisms • Mitosis • Plant organisation and transport • The nervous system • Reaction times required practical • The endocrine system 	<ul style="list-style-type: none"> • C4.7 Alkanes, fractional distillation & cracking, addition & condensation polymers. • C4.8 Testing for gases. Chromatography & Rf values. Testing for ions - flame tests and precipitation tests. • C4.9 Global warming - causes, effects & prevention. Combustion & pollution • C4.10 Required practical analysing dissolved solids in water. Potable water. • C4.1 Uses of Transition metals • C4.3 Titration method and calculations, Percentage yield & reacting mass calculations. • C4.2 Ionic bonding, Giant covalent structures & Nanoscience • C4.3 Calculating Mr 	<ul style="list-style-type: none"> • Efficiency • Radioactive decay • Electric current • GPE + KE • Gas pressure • National grid • Latent heat •
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Biology Foundation 15 Day Plan

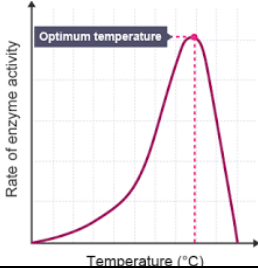
Paper	Time	Paper / Topic Details
1		(Revision list)

Task	Tick when complete																			
1		Make flash cards of the digestive organs https://www.bbc.co.uk/bitesize/guides/z92dj6f/revision/2																		
2		Complete the questions on magnification https://www.footprints-science.co.uk/index.php?quiz=Microscopy																		
3		Complete the focus Practical for photosynthesis. Make sure to write this up https://www.focuselearning.co.uk/programmes/?programme=rp-biology&page=aqa-cs/bubble-photosynthesis																		
4		Complete Cornell Notes on Diffusion, Osmosis and Active Transport https://www.youtube.com/watch?v=eDeCgTRFCbA https://www.youtube.com/watch?v=PRi6uHDKeW4																		
5		Make a mind map on cancer using the video https://www.youtube.com/watch?v=B5VHRKBI4PY																		
6		Complete the Seneca Questions on animal, plant and bacterial cells https://app.senecalearning.com/dashboard/assignments/assignment/1cbfbc5b-2089-488e-91d3-75d6dd616ece																		
7		Create flash cards on lipids, proteins and carbohydrates https://www.bbc.co.uk/bitesize/guides/z89mk2p/revision/2																		
8		Draw out how an enzyme works, include the keywords https://www.youtube.com/watch?v=rIH1ym916Fo																		
9		Describe and explain the trend in the graph (4 marks) 																		
10		Complete Seneca on Photosynthesis https://app.senecalearning.com/dashboard/assignments/assignment/3f261943-16dd-49b4-88f9-0a1ad87dc60a																		
11		Write up the reaction time practical include Hypothesis, aim, results https://www.focuselearning.co.uk/programmes/?programme=rp-biology&page=aqa-cs/reaction-time																		
12		Draw a graph with the results <table border="1" data-bbox="1129 1711 1366 1951"> <thead> <tr> <th>Time</th> <th>Temperature</th> </tr> </thead> <tbody> <tr><td>0</td><td>3</td></tr> <tr><td>3</td><td>1</td></tr> <tr><td>6</td><td>0</td></tr> <tr><td>9</td><td>3</td></tr> <tr><td>12</td><td>10</td></tr> <tr><td>15</td><td>11</td></tr> <tr><td>18</td><td>10</td></tr> <tr><td>21</td><td>5</td></tr> </tbody> </table>	Time	Temperature	0	3	3	1	6	0	9	3	12	10	15	11	18	10	21	5
Time	Temperature																			
0	3																			
3	1																			
6	0																			
9	3																			
12	10																			
15	11																			
18	10																			
21	5																			
13		Complete the focus practical for food tests and write this up https://www.focuselearning.co.uk/programmes/?programme=rp-biology&page=aqa-cs/food-tests-aqa																		

14	Complete Cornell notes on the structure and function of the leaf https://www.youtube.com/watch?v=VXEUI9ELwYc
15	Compare aerobic and anaerobic respiration https://www.bbc.co.uk/bitesize/articles/zdqx2v4#z8nntrd

Biology higher 15 Day Plan

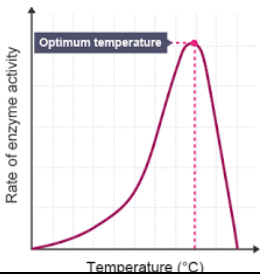
Paper	Time	Paper / Topic Details
1		(Revision list)

Task	Tick when complete	
1		Biology Higher – Make Flash cards on the digestive enzymes https://www.bbc.co.uk/bitesize/guides/z89mk2p/revision/6
2		Biology Higher – Answer BBC Bitesize test on blood https://www.bbc.co.uk/bitesize/articles/zntybdm
3		Biology Higher - Complete Cornell notes on treatments of heart disease https://www.youtube.com/watch?v=5wSfCZESRHU
4		Biology Higher – Complete the focus Practical for photosynthesis. Make sure to write this up https://www.focuselearning.co.uk/programmes/?programme=rp-biology&page=aqa-cs/bubble-photosynthesis
5		Biology Higher - Make a mind map on cancer using the video https://www.youtube.com/watch?v=B5VHRKBI4PY
6		Biology Higher – Complete the Seneca Questions on animal, plant and bacterial cells https://app.senecalearning.com/dashboard/assignments/assignment/1cbfbc5b-2089-488e-91d3-75d6dd616ece
7		Biology Higher – Complete a flowchart on how mitosis works https://www.bbc.co.uk/bitesize/guides/z2kmk2p/revision/2
8		Biology Higher - Draw out how enzyme works, include the keywords https://www.youtube.com/watch?v=rIH1ym916Fo
9		Describe and explain the trend in the graph (4 marks) 
10		Biology Higher – Complete Seneca on Photosynthesis https://app.senecalearning.com/dashboard/assignments/assignment/3f261943-16dd-49b4-88f9-0a1ad87dc60a
11		Biology Higher – Write up the reaction time practical include Hypothesis, aim, results https://www.focuselearning.co.uk/programmes/?programme=rp-biology&page=aqa-cs/reaction-time
12		Biology Higher – Complete the focus practical for enzyme activity. Make sure to write this up https://www.focuselearning.co.uk/programmes/?programme=rp-biology&page=aqa-cs/amylase-ph
13		Biology Higher – Make a mind map on antibiotics https://www.bbc.co.uk/bitesize/guides/z8fkmsg/revision/3
14		Biology Higher – Complete Cornell notes on the factors affecting enzymes https://www.youtube.com/watch?v=n9He_FK6nao

15	Biology Higher – Compare aerobic and anaerobic respiration https://www.bbc.co.uk/bitesize/articles/zdqx2v4#z8nntrd
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Separate Biology 15 Day Plan

Paper	Time	Paper / Topic Details
1		(Revision list)

Task	Tick when complete	
1		Separates - Make Flash cards on the digestive enzymes https://www.bbc.co.uk/bitesize/guides/z89mk2p/revision/6
2		Separates - Complete the questions on magnification https://www.bbc.co.uk/bitesize/guides/zpqpqhv/test
3		Separates – Complete Cornell notes on the differences between an electron and light microscope https://www.youtube.com/watch?v=PAzs3Ooex5k
4		Separates – Complete the focus practical on Osmosis. Make sure to write this up https://www.focuselearning.co.uk/programmes/?programme=rp-biology&page=aqa-cs/osmosis
5		Separates – Make a mind map on the different types of disease https://www.youtube.com/watch?v=wUm71FPuVCQ
6		Separates - Complete the Seneca Questions on animal, plant and bacterial cells https://app.senecalearning.com/dashboard/assignments/assignment/1cbfbc5b-2089-488e-91d3-75d6dd616ece
7		Separates – Write a method on how to prepare a slide https://www.bbc.co.uk/bitesize/guides/zg9mk2p/revision/6
8		Separates – Make flash cards or notes on mitosis https://www.bbc.co.uk/bitesize/guides/z2kmk2p/revision/2
9		Describe and explain the trend in the graph (4 marks) 
10		Separates - Complete Seneca on Photosynthesis https://app.senecalearning.com/dashboard/assignments/assignment/3f261943-16dd-49b4-88f9-0a1ad87dc60a
11		Separates - Write up the reaction time practical include Hypothesis, aim, results https://www.focuselearning.co.uk/programmes/?programme=rp-biology&page=aqa-cs/reaction-time
12		Separates- Complete the practical focus for enzyme activity. Make sure to write this up https://www.focuselearning.co.uk/programmes/?programme=rp-biology&page=aqa-cs/amylase-ph

13		Separates – Complete the focus practical for Food tests. Make sure to write this up https://www.focuselearning.co.uk/programmes/?programme=rp-biology&page=aqa-cs/food-tests-aqa
14		Separates – Complete the test on Surface area: Volume ratio https://www.youtube.com/watch?v=DHGWH3NdAjc
15		Separates – Complete Cornell notes on Plant defenses https://www.youtube.com/watch?v=zL8JOW8Qzns

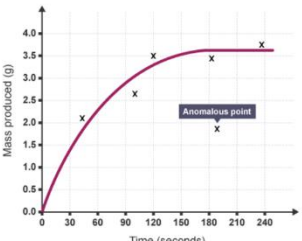
Chemistry Foundation 15 Day Plan

Paper		Time	Paper / Topic Details
2			(Revision list)
Task	Tick when complete		
1		Chemistry Foundation – Make a flow chart of the steps involved in the formation of crude oil https://mmerevise.co.uk/gcse-chemistry-revision/crude-oil/	
2		Chemistry Foundation – Make a set of cornell notes on the fractional distillation of crude oil https://www.youtube.com/watch?v=PYMWUz7TC3A	
3		Chemistry Foundation – Make a mindmap on pollutants and different environmental effects https://www.bbc.co.uk/bitesize/guides/zq3797h/revision/6	
4		Chemistry Foundation – complete the focus practical on dissolved substances https://www.focuselearning.co.uk/programmes/?programme=rp-chemistry&page=aqa/water-purification-aqa&tab=2	
5		Chemistry Foundation – Make a set of cornell notes on sulfur as a pollutant and its effects https://www.youtube.com/watch?v=Nf8cuvl62Vc	
6		Chemistry Foundation – Complete the potable water quiz https://www.footprints-science.co.uk/index.php?quiz=Potable_water	
7		Chemistry Foundation – Complete the focus practical on chromatography https://www.focuselearning.co.uk/programmes/?programme=rp-chemistry&page=aqa-cs/tab2/chromatography.html	
8		Chemistry Foundation – Use the worked example to answer the quiz (link at the bottom of worked examples) https://www.docbrown.info/page04/4_73calcs04pbm.htm	
9		Chemistry Foundation – Make a mindmap on Earth's early atmosphere compared to our current atmosphere https://www.youtube.com/watch?v=l0h_-3M0Pso	
10		Chemistry Foundation – Work through the notes pages and complete the 'test' on maths in chemistry https://www.bbc.co.uk/bitesize/guides/z2bfxfr/test	
11		Chemistry Foundation – Describe and explain the shape in this rate of reaction graph	

12		Chemistry Foundation – Complete the quiz on word equations https://www.educationquizzes.com/gcse/science/chemistry-word-equations-aqa-syllabus-a/
13		Chemistry Foundation – Create a set of cornell notes on catalysts https://www.youtube.com/watch?v=m_9bpZep1QM
14		Chemistry Foundation – Answer the questions on chromatography https://mmerevise.co.uk/app/uploads/2018/11/GCSE-Chemistry.-Purity-and-Chromatography-AQA-OCR-Edexcel.-Questions.pdf
15		Chemistry Foundation – Complete the quiz on balancing equations https://byjus.com/chemistry/balanced-chemical-equations/

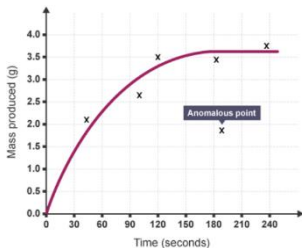
Chemistry Higher 15 Day Plan

Paper		Time	Paper / Topic Details
2			(Revision list)
Task	Tick when complete		
1		Chemistry Higher – Make a flow chart of the steps involved in the formation of crude oil https://mmerevise.co.uk/gcse-chemistry-revision/crude-oil/	
2		Chemistry Higher – Make a set of cornell notes on the fractional distillation of crude oil https://www.youtube.com/watch?v=PVMWUz7TC3A	
3		Chemistry Higher – Make a mindmap on pollutants and different environmental effects https://www.bbc.co.uk/bitesize/guides/zq3797h/revision/6	
4		Chemistry Higher – complete the focus practical on dissolved substances https://www.focuselearning.co.uk/programmes/?programme=rp-chemistry&page=aqa/water-purification-aqa&tab=2	
5		Chemistry Higher – Make a set of cornell notes on sulfur as a pollutant and its effects https://www.youtube.com/watch?v=Nf8cuvl62Vc	
6		Chemistry Higher – Complete the potable water quiz https://www.footprints-science.co.uk/index.php?quiz=Potable_water	
7		Chemistry Higher – Complete the focus practical on chromatography https://www.focuselearning.co.uk/programmes/?programme=rp-chemistry&page=aqa-cs/tab2/chromatography.html	
8		Chemistry Higher – Complete the ‘test’ on alkanes and cracking https://www.bbc.co.uk/bitesize/guides/zshvw6f/revision/5	
9		Chemistry Higher – Make a mind map on global warming and the effects of climate change https://www.youtube.com/watch?v=Z_b2A-d5hGY&t=87s	
10		Chemistry Higher – Create a set of flashcards on the test for gases https://mmerevise.co.uk/gcse-chemistry-revision/chemical-tests/	

11		Chemistry Foundation – Describe and explain the shape in this rate of reaction graph	
12		Chemistry Higher – Complete the seneca assignment on percentage yield https://app.senecalearning.com/dashboard/assignments/assignment/6bb45aff-ca5c-4987-951c-042975e9092f	
13		Chemistry Higher – Create a set of cornell notes on cracking https://www.youtube.com/watch?v=Xsqlv4rWnEg&t=136s	
14		Chemistry Higher - Complete the quiz on variables https://www.footprints-science.co.uk/index.php?quiz=Variables	
15		Chemistry Higher – Use the video to help you answer the example questions on bitesize https://www.youtube.com/watch?v=YKvUQ2cPmJg&t=256s https://www.bbc.co.uk/bitesize/guides/zmgj2nb/revision/2	

Separate Chemistry 15 Day Plan

Paper		Time	Paper / Topic Details
2			(Revision list)
Task	Tick when complete		
1		Separates – Make a flow chart of the formation of crude oil and of the steps in fractional distillation https://mmerevise.co.uk/gcse-chemistry-revision/crude-oil/	
2		Separates – Use the video to help you answer the example questions on bitesize https://www.youtube.com/watch?v=YKvUQ2cPmJg&t=256s https://www.bbc.co.uk/bitesize/guides/zmgj2nb/revision/2	
3		Separates – Make a mindmap on pollutants and different environmental effects including sulfur, global warming and climate change https://www.bbc.co.uk/bitesize/guides/zq3797h/revision/6	
4		Separates – complete the focus practical on dissolved substances https://www.focuselearning.co.uk/programmes/?programme=rp-chemistry&page=aqa/water-purification-aqa&tab=2	
5		Separates – Make flashcards and answer the questions on giant covalent structures https://mmerevise.co.uk/gcse-chemistry-revision/giant-structures/	
6		Separates – Complete the potable water quiz https://www.footprints-science.co.uk/index.php?quiz=Potable_water	
7		Separates – Complete the focus practical on chromatography https://www.focuselearning.co.uk/programmes/?programme=rp-chemistry&page=aqa-cs/tab2/chromatography.html	
8		Separates – Create a venn diagram of alkanes and alkenes. https://www.bbc.co.uk/bitesize/guides/zshvw6f/revision/5	
9		Separates – Complete the 'test' on transition metals https://www.bbc.co.uk/bitesize/guides/z97yw6f/revision/1	

10		Separates – Create a set of flashcards on the tests for gases https://mmerevise.co.uk/gcse-chemistry-revision/chemical-tests/
11		Separates – Describe and explain the shape in this rate of reaction graph 
12		Separates – Complete the seneca assignment on percentage yield https://app.senecalearning.com/dashboard/assignments/assignment/6bb45aff-ca5c-4987-951c-042975e9092f
13		Separates – Create a set of cornell notes on ionic bonding https://www.youtube.com/watch?v=6DtrrWA5nkE
14		Separates – Complete the focus practical on testing for ions, you should then make flashcards on the tests. https://www.focuselearning.co.uk/programmes/?programme=rp-chemistry&page=aqa/tab1/flame-tests.html
15		Separates – Complete the focus practical on titrations, make sure you complete the calculations https://www.focuselearning.co.uk/programmes/?programme=rp-chemistry&page=aqa/titration

Physics Foundation 15 Day Plan

Paper		Time	Paper / Topic Details
1			(Revision list)
Task	Tick when complete		
1		Physics Foundation – Complete the focus practical for density. Make sure you write this up https://www.focuselearning.co.uk/programmes/?programme=rp-physics&page=aqa/density	
2		Physics Foundation – Complete a mind map on energy stores with examples https://www.youtube.com/watch?v=JGwcDCeYRYo	
3		Physics Foundation – Complete the 'test' on energy calculations. You need to know the gravitational potential, kinetic and elastic potential equations https://www.bbc.co.uk/bitesize/guides/zskp7p3/test	
4		Physics Foundation – Create a set of flash cards for circuit symbols https://www.bbc.co.uk/bitesize/guides/zgva4qt/revision/1	
5		Physics Foundation – Complete the Seneca assignment of current and charge https://app.senecalearning.com/dashboard/assignments/assignment/b45b82a6-9efe-4baa-a1f3-1cf350a97aeb	
6		Physics Foundation – Complete the quiz on calculations using charge and current. Use the information page if you are struggling https://www.bbc.co.uk/bitesize/guides/zgva4qt/test	
7		Physics Foundation – Complete Cornell notes on renewable energy resources and their advantages https://www.youtube.com/watch?v=pqzvUur7QRw	
8		Physics Foundation – Complete the focus practical on Specific Heat Capacity. Make sure to write this up	

		https://www.focuselearning.co.uk/programmes/?programme=rp-physics&page=aqa/specific-heat-expt
9		Physics Foundation – Complete the Seneca assignment on resistance https://app.senecalearning.com/dashboard/assignments/assignment/f3005389-46b8-4adc-b5b3-04154d85e1e6
10		Physics Foundation – Complete a mind map on the three different types of radiation https://www.youtube.com/watch?v=VeXpMijpazE
11		Physics Foundation – Answer the questions on specific heat capacity, you should be able to describe and calculate it https://mmerevise.co.uk/gcse-physics-revision/specific-latent-heat/
12		Physics Foundation - Make a flowchart from the video for steps to follow in multi-step calculations. https://www.youtube.com/watch?v=bbbHDdm71wU
13		Physics Foundation – Complete the quiz on the different types of radiation https://www.bbc.co.uk/bitesize/guides/zxbnh39/test
14		Physics foundation – Complete the equation practice on electricity https://www.footprints-science.co.uk/index.php?quiz=Calculating_resistance
15		Physics foundation – Complete the density quiz. https://www.bbc.co.uk/bitesize/guides/zqjy6yc/test

Physics Higher 15 Day Plan

Paper		Time	Paper / Topic Details
1			(Revision list)
Task	Tick when complete		
1		Physics Higher – Complete the seneca equation assignment https://app.senecalearning.com/dashboard/assignments/assignment/497eca9c-df97-46d3-82f9-6e2e7b318832	
2		Physics Higher – Work through the focus practical on component characteristics, you should be able to sketch and explain each graph https://www.focuselearning.co.uk/programmes/?programme=rp-physics&page=aqa/iv-characteristics-aqa	
3		Physics Higher – Complete the “test” on radioactive decay https://www.bbc.co.uk/bitesize/guides/z3tb8mn/revision/2	
4		Physics Higher – Create a set of flashcards on types of radiation, include how each one is stopped	
5		Physics Higher – Make a set of Cornell notes on renewable energy https://www.youtube.com/watch?v=jo_IRDLLSNU	
6		Physics Higher – Complete the quiz on the impact of fossil fuels https://www.footprints-science.co.uk/index.php?quiz=Disadvantages_of_using_fossil_fuels	

7		Physics Higher – Answer the calculation questions on gravitational potential energy https://isaacphysics.org/questions/gravitational_pe_quiz_a?stage=all
8		Physics Higher – Create flashcards on errors and uncertainties, answer the practice questions at the end of the page https://mmerevise.co.uk/gcse-science-revision/errors-and-uncertainties/
9		Physics Higher – Use focus education to write a method on how you could find the density of regular and irregular objects https://www.focuselearning.co.uk/programmes/?programme=rp-physics&page=aqa/density
10		Physics Higher – Make a flowchart from the video for steps to follow in multi-step calculations. https://www.youtube.com/watch?v=bbbHDdm71wU
11		Physics Higher – Make a mindmap on series and parallel circuits, include the rules for current and potential difference
12		Physics Higher – Complete a set of Cornell notes on conduction, convection and radiation https://www.youtube.com/watch?v=Eizsm5V8c_c&t=19s
13		Physics Higher – Answer the questions at the end of the page on pressure, density and temperature https://mmerevise.co.uk/gcse-physics-revision/gases-and-pressure/
14		Physics Higher – Answer the questions on specific heat capacity, you should be able to describe and calculate it https://mmerevise.co.uk/gcse-physics-revision/specific-latent-heat/
15		Physics Higher – Complete the energy and efficiency quiz https://www.footprints-science.co.uk/index.php?quiz=Energy_transfers_and_efficiency

Separate Physics 15 Day Plan

Paper		Time	Paper / Topic Details
1			(Revision list)
Task	Tick when complete		
1		Separates – Make Flashcards on Mains electricity https://www.bbc.co.uk/bitesize/guides/z3xv97h/revision/1	
2		Separates – Complete the Electric circuits quiz : https://www.bbc.co.uk/bitesize/topics/zmcg7v4/articles/zg2gdnb#zrmrwsq	
3			
4		Separates – Complete Cornell notes on Fission vs Fusion – watch the following video : https://www.youtube.com/watch?v=onkW8BF513Q	
5		Separates Complete flashcards on Energy resources : https://www.bbc.co.uk/bitesize/guides/zchgdxs/revision/1	
6		Separates Complete BBC Bitesize quiz on Electric circuits	

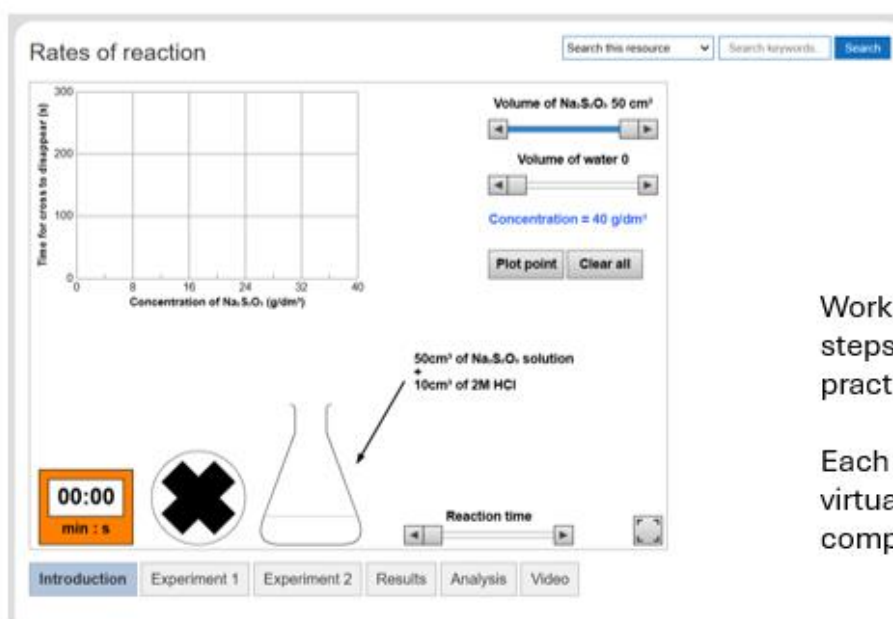
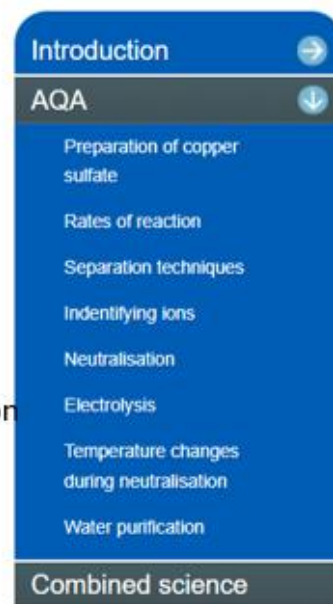
		https://www.bbc.co.uk/bitesize/topics/zmcg7v4/articles/zg2gdnb#zrmrwsg
7		
8		Separates Complete the focus practical on Density. Make sure to write this up https://www.focuselearning.co.uk/programmes/?programme=rp-physics&page=aqa/density
9		Separates Complete Seneca assignment – radioactivity : https://app.senecalearning.com/dashboard/class/1z87n6e1y0/assignments/assignment/e0c116dc-b513-4cd2-9b21-6110f3ee98c2
10		Separates - Make flash cards on Kinetic and GPE KE https://www.youtube.com/watch?v=-zy9eWzmGe4 GPE https://www.youtube.com/watch?v=63OTIdNb-TE
11		Separates Complete Quiz on Pressure in fluids: https://www.bbc.co.uk/bitesize/topics/zmcg7v4/articles/zmqv9ty
12		Separates Complete a set of Cornell notes on the National grid https://www.youtube.com/watch?v=iNvGiTn64fQ
13		
14		Separates Complete quiz on Heating and energy https://www.bbc.co.uk/bitesize/topics/zmcg7v4/articles/zfifcxs
15		Separates Complete flash cards on Latent heat : https://www.youtube.com/watch?v=x7GZ2DXef84&t=57s

Focus Practicals Step by step guide

Homepage
Click on one of the “required practicals” buttons



Choose the AQA or combined science option



Work through the method follow the steps to complete the virtual practical.

Each one will have a different set of virtual activities and questions to complete

www.focuselearning.co.uk
Username: student@broughtonhall40288
Password: nwvp8tttc

Foundation Maths Revision List

MATHS FOUNDATION 15 Day PLAN

All the revision clips are using the 'Independent Learning' section on Sparx Maths. You have been shown how to use this in class but if you have any issues speak to your maths teacher or Mr Devine.

DAY		Tick when done
1	Revise topics 1, 2, 3, 4, 5 from Foundation Paper 1 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
2	Revise topics 6, 7, 8, 9, 10 from Foundation Paper 1 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
3	Revise topics 11, 12, 13, 14, 15 from Foundation Paper 1 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
4	Revise topics 16, 17, 20, 21, 22 from Foundation Paper 1 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
5	Revise topics 23, 24, 25, 26, 29 from Foundation Paper 1 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
6	Revise topics 1, 2, 3, 4, 5 from Foundation Paper 2 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
7	Revise topics 7, 8, 9, 10, 11 from Foundation Paper 2 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
8	Revise topics 12, 13, 14, 15, 16 from Foundation Paper 2 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	

9	<p>Revise topics 17, 18, 19, 20, 21 from Foundation Paper 2 on revision list.</p> <p>Answer the questions on 'Independent Learning' and use the video to revise the topic.</p>	
10	<p>Revise topics 22, 23, 24, 25, 26, 27 from Foundation Paper 2 on revision list.</p> <p>Answer the questions on 'Independent Learning' and use the video to revise the topic.</p>	
11	<p>Revise topics 1, 2, 3, 4, 5 from Foundation Paper 3 on revision list.</p> <p>Answer the questions on 'Independent Learning' and use the video to revise the topic.</p>	
12	<p>Revise topics 6, 7, 8, 9, 10 from Foundation Paper 3 on revision list.</p> <p>Answer the questions on 'Independent Learning' and use the video to revise the topic.</p>	
13	<p>Revise topics 11, 12, 13, 14, 15 from Foundation Paper 3 on revision list.</p> <p>Answer the questions on 'Independent Learning' and use the video to revise the topic.</p>	
14	<p>Revise topics 16, 17, 18, 19, 20 from Foundation Paper 3 on revision list.</p> <p>Answer the questions on 'Independent Learning' and use the video to revise the topic.</p>	
15	<p>Revise topics 21, 22, 24, 25, 26 from Foundation Paper 3 on revision list.</p> <p>Answer the questions on 'Independent Learning' and use the video to revise the topic.</p>	

Higher Maths Revision List

MATHS Higher 15 Day PLan

All the revision clips are using the 'Independent Learning' section on Sparx Maths. You have been shown how to use this in class but if you have any issues speak to your maths teacher or Mr Devine.

DAY		Tick when done
1	Revise topics 1, 2, 3, 4, 5 from Higher Paper 1 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
2	Revise topics 6, 7, 8, 9, 10 from Higher Paper 1 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
3	Revise topics 11, 12, 13, 14, 15 from Higher Paper 1 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
4	Revise topics 16, 17, 20, 21, 22 from Higher Paper 1 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
5	Revise topics 23, 24, 25, 26, 27 from Higher Paper 1 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
6	Revise topics 1, 2, 3, 4, 5 from Higher Paper 2 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
7	Revise topics 6, 7, 8, 9 from Higher Paper 2 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
8	Revise topics 10, 11, 12, 15 from Higher Paper 2 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
9	Revise topics 16, 17, 18, 19 from Higher Paper 2 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
10	Revise topics 26, 27, 28 from Higher Paper 2 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
11	Revise topics 1, 2, 3, 4, 5 from Higher Paper 3 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
12	Revise topics 6, 7, 8, 9 from Higher Paper 3 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
13	Revise topics 10, 11, 12, 16 from Higher Paper 3 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
14	Revise topics 17, 18, 19, 21 from Higher Paper 3 on revision list. Answer the questions on 'Independent Learning' and use the video to revise the topic.	
15	Revise topics 22, 23, 24, 25 from Higher Paper 3 on revision list.	

	Answer the questions on 'Independent Learning' and use the video to revise the topic.	
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