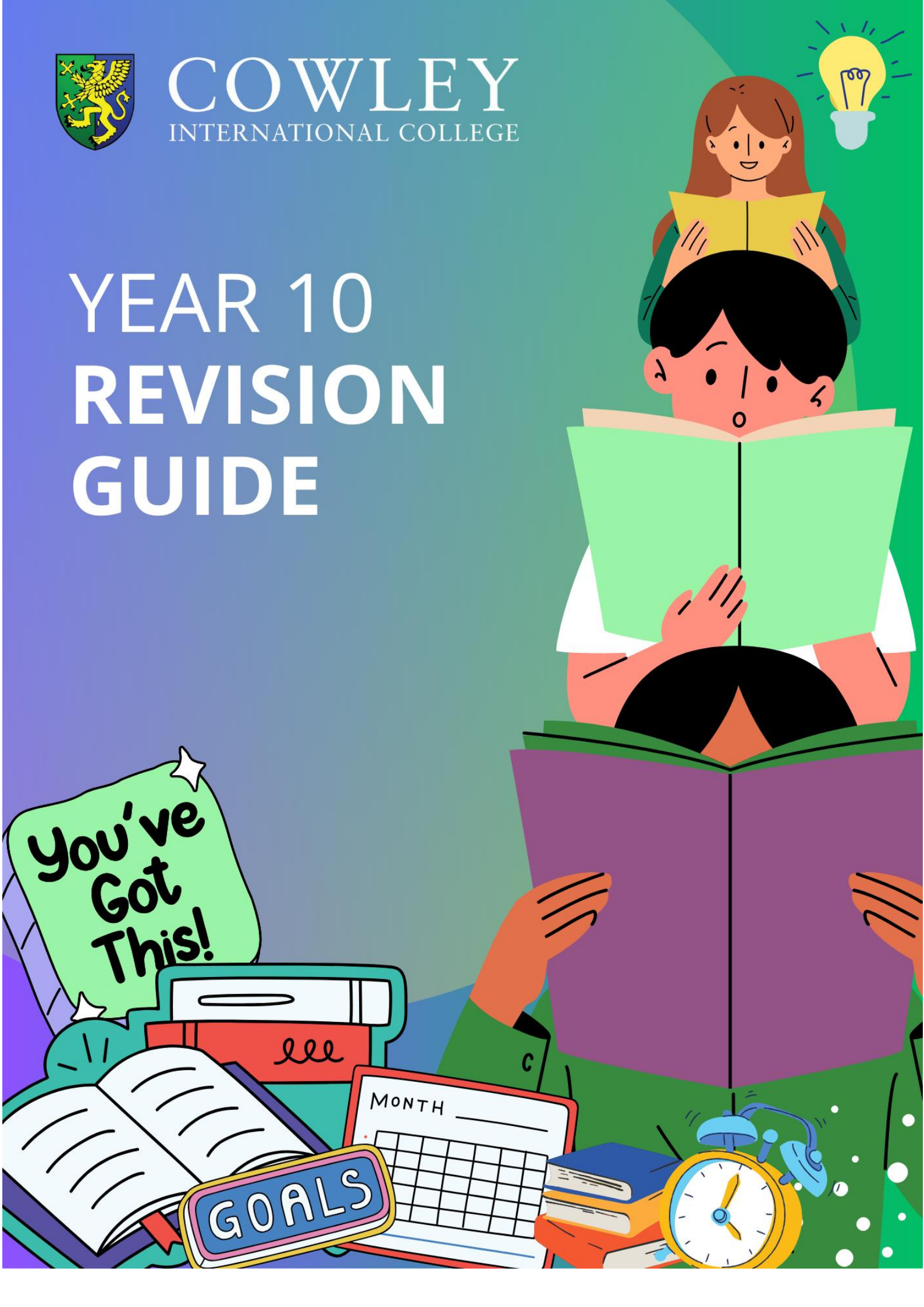




COWLEY
INTERNATIONAL COLLEGE

YEAR 10 REVISION GUIDE



Year 10 Revision Guide

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English

Subject: English Language Paper 1, English Literature Component 1

Year group: 10

	Activity/ link	Completed?
1	Macbeth Plot (1) 1. Use the audiobook to relisten to the play Macbeth - The Complete Shakespeare - SN Audiobooks - Multiple Subtitles - High-Res - 4K 2. Rewatch the film – use the links provided by your English teacher.	
2	Macbeth Plot (2) 1. Watch the videos on BBCBitesize and GCSEPod and use the information to create a revision resource on the plot of the play. Keep things in chronological order. Macbeth - plot - Shakespeare: Video playlist - BBC Bitesize GCSE Literature flashcards - quotes from Macbeth - BBC Bitesize 2. Using the Bitesize link, read the notes, watch the videos, listen to the podcast and take the test Macbeth - Plot summary - Plot summary - Eduqas - GCSE English Literature Revision - Eduqas - BBC Bitesize GCSE English Literature questions - Macbeth - Plot summary - GCSE English Literature revision - BBC Bitesize	
3	Macbeth Characters 1. Using the Bitesize link, read the notes, watch the videos, listen to the podcast and take the test Macbeth - Character overview - Characters - Eduqas - GCSE English Literature Revision - Eduqas - BBC Bitesize GCSE English Literature questions - Macbeth - Characters GCSE English Literature revision - BBC Bitesize 2. Complete the Check & Challenge quizzes on GCSEPod to revise the main themes of the play 3. Watch these videos to revise the main characters: Macbeth - characters - Shakespeare: Video playlist - BBC Bitesize 4. Create a revision resource (mindmap/poster/flashcards) on each main character. Remember to include key quotations and key vocabulary.	
4	Macbeth Themes 1. Watch the videos to revise the main themes Macbeth - themes - Shakespeare: Video playlist - BBC Bitesize 2. Using the Bitesize link, read the notes, watch the videos, listen to the podcast and take the test Macbeth - Themes overview - Themes - Eduqas - GCSE English Literature Revision - Eduqas - BBC Bitesize GCSE English Literature questions - Macbeth- Themes - GCSE English Literature revision - BBC Bitesize	

	<p>3. Using all of the information, create mindmaps or flashcards to revise each theme. Remember to include associated characters, key quotations, key vocabulary and a link to Shakespeare's message.</p>	
5	<p>Anthology Poetry: NATURE</p> <ol style="list-style-type: none"> 1. List the 7 questions of poetry as a retrieval exercise 2. Use the information and quizzes on GCSEPod to revise each poem: <ul style="list-style-type: none"> - The Schoolboy: GCSEPod - I Wandered Lonely as a Cloud: GCSEPod - Blackberry Picking: GCSEPod - I Shall Return: GCSEPod - Catrin: GCSEPod 	
6	<p>Anthology Poetry: WAR/CONFLICT</p> <ol style="list-style-type: none"> 1. List the 7 questions of poetry as a retrieval exercise 2. Complete the revision tasks in the poetry booklet provided to you by your English teacher 3. Use the information and quizzes on GCSEPod to revise each poem: <ul style="list-style-type: none"> - Drummer Hodge: GCSEPod - Disabled: GCSEPod - Kamikaze: GCSEPod - War Photographer: GCSEPod - Remains: GCSEPod 	
7	<p>Lang P1 Writing Q5 description (1)</p> <p>Using your revision booklet from your English teacher, complete a practice question Ensure you plan using the six paragraph plan Ensure you start with a Slow Writing paragraph – practise different variations of this</p>	
8	<p>Lang P1 Writing Q5 description (2)</p> <p>Using your revision booklet from your English teacher, complete a practice question Ensure you plan using the six paragraph plan Ensure you start with a Slow Writing paragraph – practise different variations of this</p>	
9	<p>Lang P1 Reading Q4</p> <p>Using your revision booklet from your English teacher, complete a practice question</p>	
10	<p>Lang P1 Reading Q2+3</p> <p>Using your revision booklet from your English teacher, complete a practice question</p>	

Unit	Activity Links	Completed?
1	<p>Algebraic manipulation</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
2	<p>Equations and formulae</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
3	<p>Quadratic expressions and equations</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
4	<p>Percentages</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
5	<p>Ratio and scale</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
6	<p>Work with fractions</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
7	<p>Non-calculator methods</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
8	<p>Straight line graphs</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
9	<p>Probability</p> <p>Video</p>	

	Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
10	Rounding and estimation Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
11	Perimeter, area and volume Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
12	Interpret and represent data Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
13	Non-Linear graphs Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
14	Angles Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
15	Graphs and diagrams Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
16	Vectors Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
17	Factors, powers and surds Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
18	Pythagoras' theorem and trigonometry Video Questions Solutions	

	Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
19	Simultaneous equations Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	

Year 10 Higher Maths

Unit	Activity Links	Completed?
1	Algebraic manipulation Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
2	Equations and formulae Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
3	Quadratic expressions and equations Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
4	Percentages Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
5	Ratio and scale Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
6	Work with fractions Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
7	Non-calculator methods Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
8	Straight line graphs Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
9	Probability Video Questions Solutions	

	Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
10	<p>Rounding and estimation</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
11	<p>Perimeter, area and volume</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
12	<p>Interpret and represent data</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
13	<p>Non-Linear graphs</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
14	<p>Angles</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
15	<p>Graphs and diagrams</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
16	<p>Vectors</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
17	<p>Factors, powers and surds</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	
18	<p>Pythagoras' theorem and trigonometry</p> <p>Video Questions Solutions</p> <p>Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.</p>	

19	Simultaneous equations Video Questions Solutions Watch the video and complete the questions, check your answers as you go in case you need to revisit the video.	
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Biology Trilogy- Foundation

	Activity/ link	Completed?
1	Read Page 72 “Non-specific defences”. Make 2 revision cards, one about lymphocytes and one about phagocytes. Then read page 73 “Treating diseases” and then watch this video .	
2	Study page 92 to revise photosynthesis. Turn the page and assess yourself verbally with questions 1-5. Then study “Required practical skills” on Page 95, try the 2 practice questions in the worked example, then try questions 1-3 yourself. Finally attempt question 3 on page 97 and mark it using the mark scheme.	
3	Watch the video whilst asking yourself what is the difference between transpiration and translocation, and what is the difference between the phloem and the xylem. Then turn to page 53. Draw a table with 2 headings – transpiration/ translocation. Read page 53, close the book, then try to fill in your table without looking. When you have finished check and fill in the rest.	
4	Watch the video whilst asking yourself why your breathing rate has to increase when you exercise. Then read page 93 “Cellular respiration” and “response to exercise”. Finally make a poster about how the body responds to exercise including both details from the book and from the video.	
5	Study page 33 then close the book and carry out a brain dump with 2 headings. “The heart” and “double circulatory system”. Open the book and add any details you missed.	
6	Study page 42 and pay great attention to the graph in the blue section. Turn to page 44 and verbally ask yourself Questions 4-14. Any you struggle to answer go back to again tomorrow and see if you have improved. Complete questions 4 and 5 on page 48 then mark it using the mark scheme.	
7	Watch this video then study this webpage including having a go of the activity. Challenge yourself to say what each part of the digestive system is for. Pay particular attention to the liver, stomach, pancreas and small intestine, making a revision card for each one.	
8	Study page 112 to revise the endocrine system. Verbally ask yourself questions 1-5 on page 114. Complete question 1 on page 116 and mark it using the mark scheme.	
9	Read all of page 113. Make flashcards for each of the 4 female hormones in the blue table. Read the purple section again and write a paragraph in your own words about the different types of contraception available. For each type try to write one advantage and one disadvantage for choosing that contraceptive.	
10	Watch this video then watch this video then turn to page 155 and work through the “Maths skills” section to check you can estimate the number of daisies in a field.	

Biology Trilogy - Higher

	Activity/ link	Completed?
1	Read all of page 124. Make flashcards for each of the 4 female hormones in the green table. Read the “contraception” section again and write a paragraph in your own words about the different types of contraception available. For each type try to write one advantage and one disadvantage for choosing that contraceptive.	
2	Watch this video then watch this video then turn to page 167 and work through the “Maths skills” section to check you can estimate the number of daisies in a field.	
3	Study page 92 to revise photosynthesis. Turn the page and assess yourself verbally with questions 1-11. Then study “Required practical skills” on Page 95, try the 2 practice questions in the worked example, then try questions 1-3 yourself. Finally attempt question 8 on page 99 and mark it using the mark scheme.	
4	Watch the video whilst asking yourself what is the difference between transpiration and translocation, and what is the difference between the phloem and the xylem. Then turn to page 53. Draw a table with 2 headings – transpiration/ translocation. Read page 53, close the book, then try to fill in your table without looking. When you have finished check and fill in the rest. Learn the 4 factors that affect the rate of transpiration.	
5	Watch this video about vaccination paying particular attention to the involvement of antibodies. Read page 63 “vaccination” and “herd immunity” then make a detailed information card about “vaccinations”. This webpage can help with extra detail.	
6	Study page 33 then close the book and carry out a brain dump with 2 headings. “The heart” and “double circulatory system”. Open the book and add any details you missed including all labels of the heart anatomy. Use your finger on the page to track the flow of blood.	
7	Study all of page 82 then write a fact card for the 4 treatments of cardiovascular diseases. Include on each card at least one advantage and one disadvantage of the treatment. Do not use the words in the book, write it in your own words.	
8	Study page 42 and pay great attention to the graph in the blue section. Turn to page 44 and verbally ask yourself Questions 1-14. Any you struggle to answer go back to again tomorrow and see if you have improved. Complete questions 4 and 5 on page 48 then mark it using the mark scheme.	
9	Watch this video about the digestive system then study this webpage including having a go of the activity. Challenge yourself to say what each part of the digestive system is for. Pay particular attention to the liver, stomach, pancreas and small intestine, making a revision card for each one.	
10	Study the “required practical skills” on page 35 about food tests. Practice the worked example, then have a go of the 3 questions. Complete question 2.1 and 2.2 on page 37 then mark them using the mark scheme.	

Biology Separates - Higher

	Activity/ link	Completed?
1	Read about monoclonal antibodies on Page 96. For the green section close the book and try to write out the flow diagram without looking. When completed check it to see if you missed anything. Then watch this video . Finally, repeat the same technique for the pregnancy test flow diagram.	
2	Read about the aseptic technique on page 97. Use flashcards to write the good aseptic technique on one side of the card, and the purpose on that back. Use these cards to read the front and say out loud what you think is on the back – then check.	
3	Watch this video then read Page 99 “Required practical skills” to remind yourself about zones of inhibition on an agar plate. Try the 3 practice questions. Turn to page 103 and complete question 5 – use the mark scheme to mark them.	
4	Read this webpage for understanding then read Page 107, focusing on the risk factors and the diseases they can lead to. Read the small blue box at the bottom and close your book to see if you can write it out yourself without looking. Look again to check you have not missed any detail. Turn to page 108 and ask yourself questions 8-15. The answers are there to check right away.	
5	Read page 130. Check you know the 3 equations without looking (both the word equations and the formula equations)(2 in the green box, 1 in the blue box) then watch this video . Read all of Page 130 again and write out 5 question cards for yourself. Turn to Page 134 and have a go of question 2. Use the mark scheme to mark it.	
6	Watch this video about enzymes (ignore the induced fit model as it is not required) then study pages 46 and 47. Make a revision card for each of the 3 enzymes. Turn to page 48 and answer questions 9 to 13, checking the answers immediately as you go along.	
7	Watch the video whilst asking yourself what is the difference between transpiration and translocation, and what is the difference between the phloem and the xylem. Then turn to page 60. Draw a table with 2 headings – transpiration/ translocation. Read page 60, close the book, then try to fill in your table without looking. When you have finished check and fill in the rest. For the rest of the knowledge on those 2 pages write 10 questions with one-word answers. Turn to page 63 and study the “maths skill” section about the rate of transpiration.	
8	Use page 34 to make 4 flash cards – one for each component of the blood.	
9	Watch this very short video about antigens and read page 84. Write yourself a definition of an antigen. (For your information - antigens are not ONLY on pathogens, they are also on other living cells too)	
10	Watch this video about the digestive system then study this webpage including having a go of the activity. Challenge yourself to say what each part of the digestive system is for. Pay particular attention to the liver, stomach, pancreas, small intestine and gall bladder making a revision card for each one. Study page 34 and add extra details to each card.	

Chemistry Trilogy - Foundation

	Activity/ link	Completed?
1	Watch the video about ionic bonding then study page 200. Turn to page 202 and try to answer questions 1-10. The answers are there for you to check immediately.	
2	Watch the video about covalent bonding then study page 190-191. Turn to page 192 and try to answer questions 1-3 and 12-18. The answers are there for you to check immediately.	
3	Watch the video about metallic bonding then study page 201. Turn to page 202 and try to answer questions 11-16. The answers are there for you to check immediately.	
4	Variables - Working scientifically - KS3 Science - BBC Bitesize Read about the 3 types of variables – independent, dependent and control variables. Scroll down to the 4 experiments. For each experiment try write on a piece of paper the independent variable, dependent variable and control variable <i>before</i> you read what they are. Scroll down to the biscuit quiz and see how you get on.	
5	Read page 250 about energy. Learn the exothermic reaction profile and close the book to see if you can draw it still without looking. Check to see if you got it right. Then repeat for the endothermic reaction. On page 256 complete question 7 and use the mark scheme to mark it.	
6	Watch this video on balancing equations then read Page 220-221. On page 224 complete question 1, question 2 and question 3 then use the mark scheme to mark them both.	
7	Watch this video on the groups in the Periodic table then write a paragraph to describe the groups. Rewatch the video to see if you can add in any extra detail.	
8	Find and write down the equations for relative atomic mass and formula mass on pages 181 and 221. Learn them and turn to page to see if you can write them without looking. On page 226 complete questions 6.1 and 6.2 and find the mark scheme to mark them immediately. On page 225 complete questions 4.1 and 4.3 and find the mark scheme to mark them immediately. On page 228 complete question 8 and mark it.	
9	Click on this webpage and really focus on your studying. Electrolysis can seem difficult. When you have read it all once produce a list of 10 simple questions you have written yourself such as “Which type of molecules break down to form hydrogen and hydroxide ions? ANSWER – Water. No need to read the “testing for gases” section at this stage. Finally, watch this video .	
10	Watch this video about making pure crystals by reacting a carbonate with an acid. Read page 231 just the small section “reactions of acids with metal carbonates” and learn it. On page 238 complete question 7 then mark it immediately using the mark scheme.	
11	Watch this video about concentration calculations then read the purple box on page 221 “concentration”. Memorise the 2 equations, including their units, then close the book and test yourself to see you have memorised them correctly. Practice these calculations by completing question 7.4 on page 227 and mark it immediately.	

Chemistry Trilogy - Higher

	Activity/ link	Completed?
1	Click on this webpage and really focus on your studying. Electrolysis can seem difficult. When you have read it all once produce a list of 10 simple questions you have written yourself such as "Which type of molecules break down to form hydrogen and hydroxide ions? ANSWER – Water. No need to read the "testing for gases" section at this stage. Finally, watch this video . Answer question 1 on page 258	
2	Watch this video about concentration calculations then read the purple box on page 225 "concentration". Memorise the 2 equations, including their units, then close the book and test yourself to see you have memorised them correctly. Practice these calculations by completing question 7.4 on page 227 and 10.4 on page 229 and mark it immediately. Check with Bet	
3	Watch this video on the groups in the Periodic table and read page 215 then write a paragraph to describe the groups. Answer question 3 on page 219. Focus on the 6 marker (3.2) Rewatch the video to see if you can add in any extra detail.	
4	Watch the video about ionic bonding then study page 204. Turn to page 206 and try to answer questions 1-10. The answers are there for you to check immediately. CHANGE PAGE NUMBERS FOR HIGHER Answer question 7.1 on page 212, question 8 on page 213, and question 10.2 on page 213	
5	Watch this video about making pure crystals by reacting a carbonate with an acid. Read page 245 just the small section crystallisation. On page 249 complete question 3 then mark it immediately using the mark scheme.	
6	Watch this video on balancing equations then read Page 220 and 221. Learn the "state symbols" box. Then write 2 revision cards for every single box of information you read here. For example, for the "conservation of mass" box you could write "What states that atoms cannot be created or destroyed in a chemical reaction?" And the answer would be "conservation of mass". There are 11 boxes, so 22 questions. On page 228 complete question 1 and 2 then use the mark scheme to mark them both.	
7	Watch the video and this video GCSE Chemistry - Allotropes of Carbon - Diamond and Graphite about covalent bonding then study page 194-195. Read the "properties" section and try hard to draw it without looking, then check to see you have not missed anything. Turn to page 199 and answer question 2. The answers are there for you to check immediately.	
8	Watch the video about metallic bonding then study page 205. Turn to page 206 and try to answer questions 11-16. The answers are there for you to check immediately.	
9	Watch this video first, then watch this video . They will let you practice how to take the gradient of a graph.	
10	Read page 225 "using balanced equations". Answer question 2.4 on page 229, question 4 and question 12.	
11	Read page 234-235 "reduction and oxidation" and "half equations". Answer question 2 on page 238, question 8.3 on page 241.	
12	Read the top half of page 244, and watch this video: GCSE Chemistry - Acids and Bases	

Chemistry Separates - Higher

	Activity/ link	Completed?
1	Study page 89, then write 4 revision cards for each of the 4 reactions; acids with metals, acids with metal hydroxides, acids with metal oxides, acids with metal carbonates. For each card write the equation then choose 2 suitable substances to give as an example. When learning the "salts" section pay particular attention to how the ions make up the formula. Focus on the "crystallisation" section and close the book to see you can rewrite the steps without looking. Then check. Try questions 9-14 on page 90 then complete question 4 on page 94. Mark the answers. Study the "logarithmic scales" section on page 88 for understanding. Read the redox section one page 89, then turn to page 79 to ready the "reduction and oxidation" section. Try questions 8 and 9 on page 80.	
2	Study the "ionic structure" section of page 26. Complete question 36 on page 36 then mark it.	
3	Watch this video about percentage atom economy and then study page 68. Write down and learn the equations for atom economy and for percentage yield and check your knowledge by closing the book and seeing if you can still remember them. Write 4 definition cards – one for theoretical yield, one for percentage yield, one for atom economy and one for concordance. For each include the equation and some written information too. Complete question 4 on page 74 and use the mark scheme to mark it. Complete questions 10-16 on page 70.	
4	Watch this video about electrolysis then study Pages 98 and 99. Write 10 question cards to help you to remember facts on the page and put the answer on the back. Close the book and try to write what electrolysis is then open the book to check. Study the "required practical skills" section of page 101 then complete question 1 on page 102. Mark it using the mark scheme.	
5	Study the blue sections of page 111 about chemical cells and batteries and the purple section on hydrogen fuel cells. Answer questions 8-14 on page 112, checking your answers as you go.	
6	Study pages 120 and 121 about rates of reaction. Write down the 4 different equations that can be used to calculate the rate of a reaction, paying attention to the units. Look at the table on page 121, then close the book and try hard to write it out for yourself. Watch this video to remind yourself about the "rates of reaction" required practical. Then read the required practical at the bottom of page 123. Finally, have a go of question 2 on page 125 and mark it.	
7	Study the reactivity series and displacement reactions on pages 78 and 79. Write 8 questions with answers. On page 80 test yourself on questions 1-4 and question 12. Complete question 8 and use the mark scheme to mark it. Now study the group 1 and group 7 reactivity on page 39. Be able to see the difference and to explain the reasons. Complete question 7 on page 45 and mark it. Now study the purple sections about ionic and half equations. Read questions 13-18 on page 80 to check your knowledge.	
8	Study energy changes and reaction profiles on page 110. Close the book and check you can remember the reaction profiles for exothermic and for endothermic reactions. Study how bond calculations take place and learn the equation for bond calculations. Answer questions 5-7 on page 112 and then attempt question 2 on page 115. Mark this answer.	
9	Study covalent bonding on pages 14-15. Make 2 revision cards- one graphite and one on fullerenes, including for each their structure, their properties, and the explanations of their properties. Now make 3 more revision cards – one for giant covalent, one for small molecules and one for large molecules and include the differences in their bonding and difference in their properties.	
10	On page 68-69 study each section very carefully. There are 10 sections. For each section draw up a revision card. Use the questions on page 70 to check your knowledge.	
11	On page 59 read about excess and limiting reactants. For the 2 words in bold write down a definition.	

	Activity/ link	Completed?
1	<p>Watch the video. Read pages 326 and 327. There is a lot of information in the 2 tables. Produce one revision card for each of the 11 resources that states whether it is renewable or non-renewable, plus one advantage, plus one disadvantage. Produce a twelfth revision card called “Reliability and environmental impact” using the green box for inspiration. Produce the revision cards without looking in the book, then when you have finished check they are correct and add in any detail you did not manage the first time.</p>	
2	<p>Watch the video then study page 318 and 319. Copy the names of all 8 energy stores onto a piece of paper. Close your book and check if you can write next to them what they are. Open the book and check any you are unsure of. Complete questions 1 and 2 on page 322, then use the mark scheme to mark them immediately. One page 320 hide the answers and ask yourself questions 8-12 then check to see if you are correct.</p>	
3	<p>On page 319 really focus on the equation for g.p.e. Close the book and see if you can write it out. Be certain to include the units used for each one. Complete the same task for the kinetic energy equation. Following this, check again tomorrow that without looking you can write both equations AND their units.</p>	
4	<p>Study the plug on page 336. For each label on the plug produce a revision card to explain what it’s purpose it. This includes the earth wire, the neutral wire, the live wire, the fuse and the plastic coating.</p>	
5	<p>Study the equation for charge flow on page 337. Close the book and see if you can write it out. Be certain to include the units used for each one. Following this, check again tomorrow that without looking you can write both equations AND their units. Read “energy transfer in electrical appliances” for understanding.</p>	
6	<p>Watch this video. Then read the green part of page 356. Complete question 5 on page 362 and mark it immediately using the mark scheme.</p>	
7	<p>Read the 4 blue boxes on pages 346 and 347 about electricity and resistance. For the 3 graphs draw them out without looking and write a little piece of writing about them without looking. Check back to see you have you done is accurate. Look at the circuit components on page 347. Get 13 flash cards and draw the component on one side and write the name of it on the other side. Lay the cards out on the table to see if you know the names of every component.</p>	
8	<p>Study page 376 and 377. Read the first 2 lines on Page 376 about radioactive decay. Close the book and check you can write it out. Keep checking and trying again until you can write the whole 2 lines. Check you can still do this, tomorrow. Finally, make 8 question cards. Complete question 2 on page 381 then question 4 on page 382 and if you are stuck on question 4.4 go back to page 367 to remind yourself what the numbers mean. Use the mark scheme to mark it immediately.</p>	
9	<p>Read this webpage. When you find the definition of specific heat capacity copy it down and learn it word for word. It is the definition in the “summary” that you need to know – focus most on the numbers. Then study latent heat and specific heat capacity on pages 356-357. Make a revision card for each one. Challenge yourself to questions 5-16 on page 358. The answers are there to check.</p>	
10	<p>Watch the video. Study the basic structure of an atom on page 367. Remind yourself what we used to think atoms looked like by studying the 4 models on page 366. Answer questions 1-7 on page 368 and check with the answers right there on the page. Answer question 2 on page 370 and get the mark scheme up to check it is correct.</p>	

Physics Trilogy - Higher

	Activity/ link	Completed?
1	Watch the video . Study the basic structure of an atom on page 386 taking note of the size of the atom. Remind yourself what we used to think atoms looked like by studying the 4 models on page 386. Read the 2 sentences on “Basic structure of an atom – the top sentence and bottom sentence. Check when you close the book you know those sentences word for word. Answer questions 1-7 on page 388 and check with the answers right there on the page. Answer question 6 on page 392 and get the mark scheme up to check it is correct.	
2	Watch this video . Then read the green part of page 376. Complete question 1 on page 380 about density and mark it immediately using the mark scheme. Also read page 377 about the relationship between temperature and gas pressure. On page 378 answer questions 1, 2, and 10-14.	
3	Study page 396 and 397. Read the first 2 lines on Page 396 about radioactive decay. Close the book and check you can write it out. Keep checking and trying again until you can write the whole 2 lines. Check you can still do this, tomorrow. Watch this video . Next, make 8 question cards about anything on those pages. Complete question 2 on page 401 then question 4 on page 402. Use the mark scheme to mark it immediately.	
4	Watch the video then study page 336 and 337. Copy the names of all 8 energy stores onto a piece of paper. Close your book and check if you can write next to them what they are. Open the book and check any you are unsure of. Complete question 5 on page 342, then use the mark scheme to mark it immediately. On page 338 hide the answers and ask yourself questions 8-12 then check to see if you are correct.	
5	Study page 347. Write each component name onto a piece of paper as a list. Close the book and check you can draw each one. Be sure you remember what each component is for. Watch this video to remind yourself what a light dependent resistor is. Watch this short video to remind yourself what a diode is. And this one to remember ohmic conductors. For each of the 3 current-potential graphs draw a separate revision card. On each draw the graph and write one piece of information too.	
6	Study the equation for charge flow on page 357. Close the book and see if you can write it out. Be certain to include the units used for each one. Following this, check again tomorrow that without looking you can write both equations AND their units. Read “energy transfer in electrical appliances” for understanding.	
7	Go to page 367 and read about series and parallel circuits. Study the rules about current (I), Voltage (V) and Resistance (R) for each one. Try hard to close the book and remember the rules. Write 6 revision cards, one for each rule. Then check yourself on them tomorrow.	
8	Watch this video about uncertainty.	
9	Study page 357, which has 6 equations on it. These equations have similar variables in them. Which 2 equations would you need to use if you know the power, resistance and time and you wanted to find out the charge? Spend as long as you need to work this out – thinking hard when using physics equations is challenging but helps you to have a far better understanding.	

Physics Separates - Higher

	Activity/ link	Completed?
1	Watch this short video about static charge then read Page 48. Then watch this short video about receiving a shock. Make 4 revision cards for “sparks”, “electric fields”, “drawing electric fields” and another for “electric shock” with your understanding from the second video. For each complete the cards without looking at the book. Later check the book and add any missing content. Complete question 8 (page 56) and use the mark scheme to mark it.	
2	Watch this short video to remind you about the job of the Geiger-Muller tube. Watch this longer video and split your page in half to take notes as you watch it. The 2 sections to take notes on are as follows; radioactive decay and half life. Read page 84 and use it to add to your 2 sections of notes. Learn the equation for count rate, including the units. Now verbally answer questions 1-11 on page 86 with the answers hidden. Check to see you have them correct.	
3	Watch this video , also about radioactivity and try to write down, as it plays, what a radioactive isotope is. Watch this video about the hazards involved in radiation. Read pages 84 and 85 to understand the differences between irradiation, contamination and ionising radiation. Write in your own words what one sievert is. Study the purple table on page 163 to see the uses of each type of electromagnetic wave and the reasons they are useful in this field. Write a few paragraphs about the uses of each type and the reasons it is useful. Complete question 11 on page 93 and use the mark scheme to mark it.	
4	Read page 49 “Resistance” and read page 39 “required practical”. Split your page into 4 and add in the following headings; what resistance is, factors that increase resistance, risk assessment, factors that can affect the accuracy of the reading. Try to complete them without looking then go back to read the same bits again to fill in any gaps	
5	Don’t forget to revise “ how science works ”... Watch this video to remind yourself about resolution and uncertainty, then watch this video to remind yourself how to calculate a percentage change, then watch this video to remind you about the importance of accuracy.	
6	Read the 2 power equations on page 3 and close to book to see if you can write them both accurately onto a piece of paper. Check you are correct. Pay particular attention to the units used.	
7	Watch this short video , then this short video then this short video to remind you of the vocabulary “light dependent resistor (LDR)” and “ohmic conductor” and “diode” and light dependent resistor” then read Page 49. Study the blue box “resistance” then close the book and try to write the whole paragraph, including the equation, then check to see if you missed anything. Produce a revision card for the ohmic conductor, the diode and the filament lamp. For each include a graph sketch and some information. Finally, copy the names of the 13 circuit components onto a piece of paper and close the book and try to draw from memory what they look like, and add a sentence to say what the function of each is too.	
8	Turn to page 60 and read about changes of state and states of matter. Focus on the density question, paying particular attention to the units used. Then read the box about internal energy. Close the book and try to write down what it said. Read about the relationship between temperature and pressure and close the book to see if you can write out the flow diagram. Then read about atmospheric pressure on page 109. Complete question 5 on page 67 and use the mark scheme to check it.	
9	Watch the video . Read pages 26-27. There is a lot of information in the 2 tables. Produce one revision card for each of the 11 resources that states whether it is renewable or non renewable, plus one advantage, plus one disadvantage. Produce a twelfth revision card called “Reliability and environmental impact” using the green box for inspiration. Produce revision cards without looking in the book, then when finished check they are correct and add in any detail you did not manage the first time. Turn to page 85 to read more about Nuclear fission and add this to your card.	
10	Study the 2 power equations on page 37. Learn them both, including their units. Read the green sections on page 36 and write out 8 questions to learn it.	
11	Study page 14 and learn the equation for specific heat capacity. Pay very close attention to the units. Complete this task as many times as it takes to get it right without looking. Make a revision card that includes the equation and some other details.	

	Activity/ link	Completed?
1	<p>Natural hazards Read the information, create flash cards on key words. Complete the test. What is a natural hazard? - Natural hazards - AQA - GCSE Geography Revision - AQA - BBC Bitesize Natural hazards test questions - AQA - GCSE Geography Revision - BBC Bitesize</p>	
2	<p>Physical processes on a plate margin Read pages 4 and 5 of your revision guide. Draw labelled diagrams to explain the processes on different plate margins. Complete the test. Geography - Plate margins (AQA) test questions - AQA - GCSE Geography Revision - BBC Bitesize</p> <p>Two contrasting case studies Write down everything you can remember about the Haiti and New Zealand earthquakes. Then, look at your exercise book and add any information you hadn't remembered in a different colour.</p>	
3	<p>Typhoon Haiyan Read the information and watch the clips. Draw a labelled sketch of a tropical storm. Write down everything you can remember about Typhoon Haiyan. Then, look at your exercise book and add any information you hadn't remembered in a different colour. Complete the tests. Global atmospheric circulation - Tropical storms - AQA - GCSE Geography Revision - AQA - BBC Bitesize Geography - Tropical storms (AQA) test questions - AQA - GCSE Geography Revision - BBC Bitesize Causes of UK weather - Is weather in the UK becoming more extreme? - AQA - GCSE Geography Revision - AQA - BBC Bitesize Geography - Extreme weather (AQA) test questions - AQA - GCSE Geography Revision - BBC Bitesize</p>	
4	<p>Climate change Read pages 15-18 of the revision guide. Also use your exercise book. Make notes on the human and natural causes of climate change, the evidence, effects, mitigation, and adaptation. Complete the test. Climate change and global warming - Climate change - AQA - GCSE Geography Revision - AQA - BBC Bitesize Geography - Climate change (AQA) test questions - AQA - GCSE Geography Revision - BBC Bitesize</p>	
5	<p>Small-scale ecosystems Read the information. Create flash cards on the key terms. Complete the test. What is an ecosystem? - Ecosystems - AQA - GCSE Geography Revision - AQA - BBC Bitesize Geography - Ecosystems (AQA) test questions - AQA - GCSE Geography Revision - BBC Bitesize</p>	
6	<p>Tropical Rainforests Read the information in your exercise book and revision guide. Draw a detailed diagram to show the natural features of a tropical rainforest. Divide a page in half, make brief notes on the cause and effects of deforestation. Complete the test. Characteristics of tropical rainforests - Tropical rainforests - AQA - GCSE Geography Revision - AQA - BBC Bitesize Geography - Tropical rainforests (AQA) test questions - AQA - GCSE Geography Revision - BBC Bitesize</p>	
7	<p>Cold environments Read the information in your exercise book and revision guide. Create a mind map on the two different types of cold environments. Create flash cards on Svalbard (challenges and opportunities). Use your exercise book to make brief notes on managing cold environments. Complete the test. Characteristics of cold environments - polar and tundra - Cold environments - AQA - GCSE Geography Revision - AQA - BBC Bitesize Geography - Cold environments (AQA) test questions - AQA - GCSE Geography Revision - BBC Bitesize</p>	
8	<p>Landscapes of the UK Read the information in your exercise book and revision guide. Complete the test.</p>	

	Physical landscapes in the UK - glaciers, rivers and relief - Physical landscapes in the UK - AQA - GCSE Geography Revision - AQA - BBC Bitesize Geography - Physical landscapes in the UK (AQA) test questions - AQA - GCSE Geography Revision - BBC Bitesize	
9	<p>Glacial processes and landforms Use your revision guide to draw labelled sketches of the landforms created by erosion and deposition. Complete the test. Geography - Glacial processes and landforms (AQA) test questions - AQA - GCSE Geography Revision - BBC Bitesize</p> <p>Read page 63 of the revision guide, make sure you can recognise the glacial landforms on a map.</p> <p>Glacial management Read the information in your exercise book and revision guide. Then complete the test. Economic activities in glaciated areas - Glacial management - AQA - GCSE Geography Revision - AQA - BBC Bitesize Geography - Glacial management (AQA) test questions - AQA - GCSE Geography Revision - BBC Bitesize</p>	
10	<p>Coastal processes and landforms Use your revision guide to draw labelled sketches of the landforms created by erosion and deposition. Then complete the test. Geography - Coastal processes (AQA) test questions - AQA - GCSE Geography Revision - BBC Bitesize Geography - Coastal landforms (AQA) test questions - AQA - GCSE Geography Revision - BBC Bitesize</p> <p>Coastal management Read the information in your exercise book and revision guide. Then complete the test. Hard engineering strategies - advantages and disadvantages - Coastal management - AQA - GCSE Geography Revision - AQA - BBC Bitesize Geography - Coastal management (AQA) test questions - AQA - GCSE Geography Revision - BBC Bitesize</p>	

History

	Activity/ link	Completed?
1	To revise medieval migration read pages 1-5 of the revision guide. Use this to fill in the overview sheet.	
2	To revise Early Modern migration read pages 6-11 in the revision guide. Use this to fill in the overview sheet.	
3	To revise industrial migration read pages 12-17 of the revision guide and use this to fill in the overview sheet.	
4	To revise modern migration read pages 18-23 of revision guide and use this to fill in the overview sheet.	
5	To revise Notting Hill read pages 22-28 of the revision guide and fill in the overview sheet.	
6	For exam practise on section A read pages 29-33 of your revision guide and answer questions on pages 39, 40 and 42.	
7	For exam practice section B (Notting Hill) read pages 35-38 of the revision guide and answer the questions on pages 43-49.	
8	Edexcel GCSE History Past Papers Edexcel Exam Mark Schemes follow this link to the GCSE past papers and mark schemes. This topic is 'Option 13: Migrants in Britain...'. Try to complete a past paper or some of the question in the paper.	
9	There is a link to a mark scheme next to each of the papers. If you find the 'indicative content' section for each question you answer on the mark scheme you will be able to self-mark the examples/detail you have included in your answer.	
10	Create flash cards based on the case studies from each time period: medieval- York, Early Modern- Sandwich and Canterbury, Industrial- Liverpool and Whitechapel, Modern- Leicester and Bristol. Have some one test you on the key information for each. Make a pile of those you did not get correct and use this to focus your revision on your weaknesses.	

	Activity/ link	Completed?
1	Slide 2 TRACTOR sheet. Read through and revise thoroughly all elements relating to the key elements of writing and speaking. Key tenses/adjectives/opinion phrases and more are all essential for your summer exams	
2	Slide 3 Practise over and over writing out your torture tense phrases in past, present and future to use in your writing and speaking exams	
3	Slide 4 – revision of key verbs using question phrases – useful in speaking	
	Slides 5 onwards – revise all key vocabulary from the topics studied this year. You also have the vocab booklets – 4 of them – on all the topics we have studied this year.	
	In addition, use your conversation booklet to support revision and practise for your speaking assessment picture card and conversation.	
	Use your revision homework book and go through any previous questions you have completed for homework or in class. Listen to the recordings again. Practise the dictation activities for your listening exam.	
4	What is the perfect tense? - Perfect tense - GCSE German Revision - BBC Bitesize Read through the notes and complete the quiz at the end to practise your past tense	
5	What is the future tense? - Future tense - GCSE German Revision - BBC Bitesize Read through notes and review how to form the future tense. Complete the quiz at the end.	
6	Travel test questions - GCSE German - BBC Bitesize Complete the quiz on holidays in the speaking section of BBC Bitesize	
7	Verb as second idea - Word order - GCSE German Revision - BBC Bitesize Work through the elements of word order and complete the activities	
8	What are conjunctions? - Conjunctions - GCSE German Revision - BBC Bitesize Work through all the conjunctions notes – identifying those you have used this year and attempt the activities to improve your knowledge	
9	Other infinitive constructions as the first idea - Infinitive constructions - GCSE German Revision - BBC Bitesize Work on the um ..zu construction to support your speaking and writing. Complete any activities or quizzes you may see	
10	Viel Spaß !!!	

By the Yr 10 summer exam, you will have covered 5 out of 6 themes in the Edexcel course. They are My Personal World, My Neighbourhood, Travel and Tourism, Lifestyle and Wellbeing and Media and Technology. The information below will help you to structure your revision time for the summer exam. Remember phonics, vocab. learning and grammar practice will help you succeed in French

	Activity/ link	Completed?
1	Revise vocabulary 10 mins daily using your vocab. booklets. They are also available on the school website. Choose your theme and practise a theme per week, ten minutes daily.	
2	Writing- Planning your 90 words/150 words question. Students that plan their answers always get higher marks. Practise planning and answering the foundation/higher tier questions by clicking on this link https://www.cowley.st-helens.sch.uk/wp-content/uploads/sites/2/2026/04/Edexcel_French_Higher_Writing_Workbook1.pdf https://www.cowley.st-helens.sch.uk/wp-content/uploads/sites/2/2026/04/Edexcel_French_Foundation_Writing_Workbook1.pdf	
3	Speaking – Have you completed your notes in your speaking booklets on all modules covered to date? Practise with a friend from your class. Booklet link is here https://www.cowley.st-helens.sch.uk/wp-content/uploads/sites/2/2026/04/CowleyEDEXCELGENERALCONVERSATION.pdf	
4	Present tense verbs - GCSE French - BBC Bitesize	
5	Past tense verbs - GCSE French - BBC Bitesize	
6	Future and conditional verbs - GCSE French - BBC Bitesize	
7	Infinitives - GCSE French - BBC Bitesize	
8	How to ask questions in French - BBC Bitesize	
9	Using negative forms in French - BBC Bitesize	
10	Complex Structures – Are you using them in speaking & writing? Practise! See attached PowerPoint. Link is here https://www.cowley.st-helens.sch.uk/wp-content/uploads/sites/2/2026/04/GCSE_French_complex_structures.pdf	

Computing – Digital Information Technology

	Activity/ link	Completed?
	Use your notes booklet, and also look on Teams, in the Files section, Classroom Materials and use the presentations for Topics 1, 2 and 3 to ensure that you understand the following	
1	How to use computers to promote a company	
2	Issues that may occur accessing the Internet	
3	Why a computer system might be attacked	
4	Interface design for an application	
5	Different communication tools using computer technology	
6	Social Engineering – how people are a weakness for system attack	
7	How encryption is used	
8	The advantages and disadvantages of cloud storage	
9	Why using portable storage could be a problem	
10	Making systems inclusive and accessible for all	

	Activity/ link	Completed?
	Visit MS Teams, click on the Files link at the top, Classroom Materials. Then either choose to watch the videos or you can click onto the PowerPoints link to work through the PowerPoints. Work through the following list, making notes to cover these sections:	
	Paper 1 : Mrs Smith	
1	Access the Craig and Dave videos on Teams, as above. <ul style="list-style-type: none"> • Data and file sizes Video 12, 14 • Convert binary to denary and vice versa Video 15 • Convert Hexadecimal to denary/binary and vice versa Video 17 • Binary Shifts Video 18 • Character sets (ASCII and UNICODE) Video 19 • The different components of the CPU and what they do Video 2,3 and 4 • How sound is represented Video 21 • How images are represented Video 20 • Meta Data Video 20 • Lossy and Lossless compression Video 22 	
2	(102) MrBrownCS - YouTube <- Click on this link to access videos. Use the J277 videos, making revision notes from the content.	
3	https://amazon.turinglab.co.uk/ Access the Computer Systems course, via Amazon Turing Lab. Complete the tasks set, ensuring that you achieve a green tick before moving on.	
4	Complete the GCSE Pod tasks that your teacher sets.	
	Paper 2 : Mr Raines	
1	<ul style="list-style-type: none"> • Access the Craig and Dave videos on Teams, as above. Given a piece of code, identify if it is Sequence, Selection, Iteration, video 63 • Definition of Abstraction, Decomposition Video 49 & 50 • Draw a logic diagram, given the formula, eg $Z = A \text{ AND } (B \text{ OR } C)$ video 81 • What is the purpose of a truth table Video 82 • Draw a flowchart for a given small algorithm – Input, Process, Output Video 54 • What is casting, know the different data types Video 66 • Complete a trace table for an algorithm, follow the program carefully Video 56 • Do a merge sort Video 60 • description of programming languages and translators Video 85 &86 • Correct an SQL statement (SELECT , FROM , WHERE) Video 70 • Types of test data, valid, border, invalid, erroneous Video 79 	
2	(102) MrBrownCS - YouTube <- Click on this link to access videos. Use the J277 videos, making revision notes from the content.	
3	GCi - Go Code It <- Continue to practice your programming technique	
4	Complete the GCSE Pod tasks that your teacher sets.	

Ethics, Philosophy and Religion

	Activity/ link	Completed?
1	Using page 1 in both of your booklets. Create flash cards with key terms on one side and definitions on the other. Then use these to test yourself for the 2-mark questions. (Remember: define questions need a definition + an example).	
2	Read page 27 of your Christianity booklet and summarise the different forms of worship into 5 key points each. CHALLENGE: Can you include a scripture for each? BBC Bitesize optional link: Worship - Practices - Eduqas - GCSE Religious Studies Revision - Eduqas - BBC Bitesize	
3	Read page 29/30 of your Christianity booklet. Split a page into two and title one side Baptism and the other side Eucharist. Summarise the information into 10 bullet points on each side. BBC Bitesize optional links: Sacraments - Practices - Eduqas - GCSE Religious Studies Revision - Eduqas - BBC Bitesize Baptism - Practices - Eduqas - GCSE Religious Studies Revision - Eduqas - BBC Bitesize The Eucharist - Practices - Eduqas - GCSE Religious Studies Revision - Eduqas - BBC Bitesize	
4	Read page 29/30 of your Christianity booklet. Come up with reasons for the following statements: <ol style="list-style-type: none">1. Baptism is more important than the Eucharist....2. Eucharist is more important than Baptism...3. Baptism and Eucharist are both equally important...4. No sacrament is important.... BBC Bitesize optional links: Sacraments - Practices - Eduqas - GCSE Religious Studies Revision - Eduqas - BBC Bitesize Baptism - Practices - Eduqas - GCSE Religious Studies Revision - Eduqas - BBC Bitesize The Eucharist - Practices - Eduqas - GCSE Religious Studies Revision - Eduqas - BBC Bitesize	
5	Read page 35 and 36 of your Christianity booklets. Sum up the following in 5 key points: <ol style="list-style-type: none">1. Tearfund2. WCC3. Persecution of Christians BBC bitesize optional links: The worldwide Church - Practices - Eduqas - GCSE Religious Studies Revision - Eduqas - BBC Bitesize	
6	Read page 35-36 of your Christianity booklets and answer the following question in two PEELs. Explain the importance of the work of Tearfund. BBC bitesize optional links: The worldwide Church - Practices - Eduqas - GCSE Religious Studies Revision - Eduqas - BBC Bitesize	
7	Read page 6 of your Islam booklet. Split a page in two and on one side title it '6 articles of faith' and the other '5 Roots of Usul-ad-Din'. Summarise the information in 6 sentences. Optional BBC Bitesize link: Sunni and Shi'a Islam - Authority in Islam - GCSE Religious Studies Revision - Eduqas - BBC Bitesize The six articles of faith - Sunni Islam - Authority in Islam - GCSE Religious Studies Revision - Eduqas - BBC Bitesize The five roots of Shi'a Islam - Authority in Islam - GCSE Religious Studies Revision - Eduqas - BBC Bitesize	
8	Read page 7-8 and create a mind map on Muslim beliefs about the nature of God. Optional BBC Bitesize link: Nature of God - Key beliefs in Islam - GCSE Religious Studies Revision - Eduqas - BBC Bitesize	
9	Read page 7 to 9 and complete the activities on page 9.	
10	Use the link below to practice exam questions GCSE Religious Studies Eduqas	

Animal Care

	Activity/ link	Completed?
1	Visit MS Teams, click on the Files link at the top, Classroom Materials. Then use the attached learning Matt " Animal Care Component 3 Revision Mat NEW 2024 " and PowerPoint " Component 3 Exam revision " to work through the following list, making notes to make sure you understand the following topics:	
2	Animal Health	
3	Animal Housing and Care	
4	Animal Disease	
5	Animal in Society	
6	Animal Organisations and Legislation	

	Activity/ link	Completed?
1	Level 1/2 Vocational Award in Construction and the Built Environment MS Teams Past papers Quizzes	
2	<u>Introduction to the built environment –</u> The sector The built environment life cycle Types of building and structure Technologies and materials Building structures and forms Sustainable construction methods Trades, employment and careers Health and safety	
3	<u>Designing the built environment -</u> Identifying and calculating information Writing and setting success criteria Drawing plans and elevations Using the language of drafting Drawing 2D and 3D	
4	<u>Constructing the built environment –</u> Interpreting technical sources of information Planning and organising work Identifying resource requirements Calculating the materials required Writing and setting success criteria Prepare for construction tasks Carrying out techniques Removing and disposing of materials Working practices that promote health and safety	

	Activity/ link	Completed?
1	Level 1/2 Vocational Award in Engineering MS Teams Past papers Quizzes	
2	<u>Materials –</u> Properties of Materials Categories and types of materials Material finishes Testing materials	
3	<u>Communicating as Engineers –</u> Different drawing techniques CAD/CAM	
4	<u>Planning, equipment, processes and health and safety -</u> Health and safety in a workshop environment Planning projects Engineering tools, machines and equipment Processes used in engineering	
5	<u>Environmental considerations –</u> Environmental considerations in engineering The 6 Rs The life cycle analysis	
6	<u>Mathematical techniques in engineering –</u> Mechanical advantage Ohms law Graphs and charts Trigonometry	
7	<u>Engineering developments –</u> Developments in materials and smart technologies How engineering has impacted the home and society	



BUILDING RESILIENCE FOR GCSE SUCCESS

Resilience is your ability to bounce back from challenges, stay focused under pressure, and keep pushing forward—even when things get tough.

💡 Why Does It Matter?

GCSEs can be stressful, but resilience helps you manage pressure, stay motivated, and perform your best.

🕒 Controlling Impulses

Resist distractions, manage your time wisely, and make choices that help. Swap “I can’t do this” for “I’ll keep trying.” Your mindset shapes your success. Stay optimistic and believe in yourself!

🧠 Mastering Emotional Regulation

Feeling overwhelmed? Take a deep breath. Recognizing your emotions and handling them in a healthy way stops stress from taking over.

🔑 Taking Back Control from Worries

Instead of letting worries rule you, break them down:

- ✓ Write down your concerns
- ✓ Find solutions or steps to tackle them
- ✓ Focus on what you can control

With resilience, you’ll:

- ✓ Stay calm and focused during exams
- ✓ Overcome setbacks and keep improving
- ✓ Feel more confident in your abilities

**KEEP GOING, STAY STRONG
AND BELIEVE IN YOURSELF!**

