

Science work – Year 10 – Triple Chemistry

The tasks to work through each week from your CGP guide and workbook from June 15th until the end of the summer term are given below. You will also have a short Educake test and additional online resources to help you with your work will be given. The additional resources will be updated frequently and links to these will be available on the school website.

Groups:

Week	Topic	CGP Guide pages	Workbook pages	Educake task	Additional resources
15/6/20	C1 review	12-27	2-22	C1 review https://www.educake.co.uk/7389332/online-test	Twinkl KO and revision mat
	Task Instructions: Complete the C1 revision question (CGP Guide, pg27). Mark answers & identify strengths and weaknesses. Re-read CGP guide topics you have highlighted as weaknesses and make flashcards on these topics. Complete the workbook questions related to the topics on your flashcards. Complete Educake test.				
22/6/20	Rates of reaction and Factors affecting them	67-68	74	EOY 10 Chemistry (C1-C5) –(H) https://bit.ly/3h14c_r1	Phet simulation – Embed link so it plays https://phet.colorado.edu/en/simulation/legacy/reactions-and-rates Oak National Academy – Collision theory https://classroom.thenational.academy/lessons/collision-theory/
	Task Instructions: Create a presentation or lesson to explain the content of CGP Guide pages as if you're teaching it to a 6-year-old. Think about the language you use to explain the content. Complete workbook pages. Complete Educake test.				
29/6/20	Measuring and calculating rates of reaction	69-71	76	Measuring and calculating rates https://www.educake.co.uk/7389817/online-test	Required practical videos: https://www.youtube.com/watch?v=G16LV17oAIU https://www.youtube.com/watch?v=ssa3wh3Rnt0 Printable graph paper
	Task Instructions: Read CGP Guide pages and create a set of around 6–8 symbols to represent the key pieces of information. Annotate your symbols. Complete workbook pages. Complete Educake test.				
6/7/20	Reversible reactions and Le Chatelier's Principle	72-73	78	Reversible reactions https://www.educake.co.uk/7390106/online-test	Reversible reactions video https://www.youtube.com/watch?v=ty9TczsW5ew Le Chatelier's Principle video https://www.youtube.com/watch?v=IYyoncESnmQ
	Task Instructions: Read CGP Guide pages. List 5 or more pieces of information from memory. Read the CGP Guide a second time to check the information you remembered is correct. Aim to improve on this score next time. Can you add another 3+ pieces of information after your second read? Complete workbook pages. Complete Educake test.				
13/7/20	Revision of C6, revision questions	74	N/A	End of C6 review https://www.educake.co.uk/7390210/online-test	AQA Chemistry The Rate and Extent of Chemical Change KnowIT GCSE ppt

Task Instructions: Complete CGP Guide questions. Mark answers. Re-read the CGP Guide pages for the topics you got wrong. Write out the 3 most important pieces of information and rank them 1–3. Briefly explain each piece of information using two sentences for each. Go back through and cross out the least important sentence so you end up with 1 key sentence for each important piece of information. Complete Educake test.