



Chemistry Combined Science

Year 10



Summer Support

Are you on track with your recent studies? Look through this checklist of key topics and see if you have an understanding of the key ideas. If you discover a gap in your knowledge use the highlighted tasks from the recently set work to fill in any gaps. Highlight any areas you need to work on.

Task 1—Electrolysis

Complete the following interactive activities on kerboodle; **C6.1 Literacy skills: Electrolysis; C6.3 Maths skills: Writing half equations; C6.4 Required practical: Investigating the electrolysis of solutions**

✓ / ✗

Task 2—Quantitative Chemistry

- Watch the following YouTube clip [The Whole of AQA -QUANTITATIVE CHEMISTRY. GCSE Chemistry or Combined Science Revision Topic 3 for C1 - YouTube](#)
- Answer the summary questions on page 80-81 in the textbook

Task 3—Energy Changes

- Listen to the podcast **C7 Podcast: Energy Changes Higher** <https://www.kerboodle.com/app/courses/20690/modules/Resources/content/225752>
- Make notes and answer the associated questions

Challenge Time

Want to get ahead of the game and prepare for next term? Why not try these tasks:

- Research Fractional distillation and cracking. Describe how these processes work and why they are important