



Year 9

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—Atomic Structure and the Periodic Table

✓ / ✗

- Complete the following interactive activities on kerboodle; **C1.6 Literacy skills: More about atoms**, and **C1. 7 Maths skills: Ions and atoms** [Kerboodle - AQA GCSE Sciences \(9–1\) - Resources](#)
- Answer the summary questions on page 34 in the textbook. The answers will be available on Teams

Task 2—Chemical Changes

- Listen to the podcast **C5 Podcast: Chemical Changes** <https://www.kerboodle.com/app/courses/20690/modules/Resources/content/225778>
- Make notes and answer the questions on the activity

Task 3—Bonding

- Watch the following YouTube clip [The Whole of AQA - BONDING, STRUCTURE AND PROPERTIES. GCSE Chemistry or Combined Science Revision. - YouTube](#)
- Make a poster summarising ionic, covalent and metallic bonding, referring to the specific properties of each.

I still need to As I didn't complete.....

Challenge Time

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

Our first topic back is **C6 Electrolysis** (textbook pages 102-111)

- Review metal reactivities, oxidation and reduction, and ion charges
- Research how electrolysis is used and what it is used for