

Extended Homework Task – Chemistry C1 and C2

Aiming for Grade 8

Name

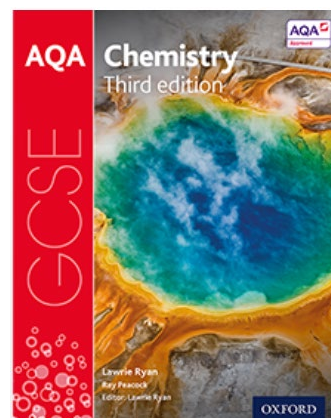
Please hand in a completed printed version at the end of the topic

The online text book access to support this homework can be accessed through your Kerboodle account at www.kerboodle.com.

The username is your first initial and sir name (no gap).

If you have not accessed the book before the password will be the same as your username. If you have logged on before you will have changed the password to your own choice.

Click onto the science 9-1 tile and then onto the digital book.



Resources to support this homework can be found in the online student book

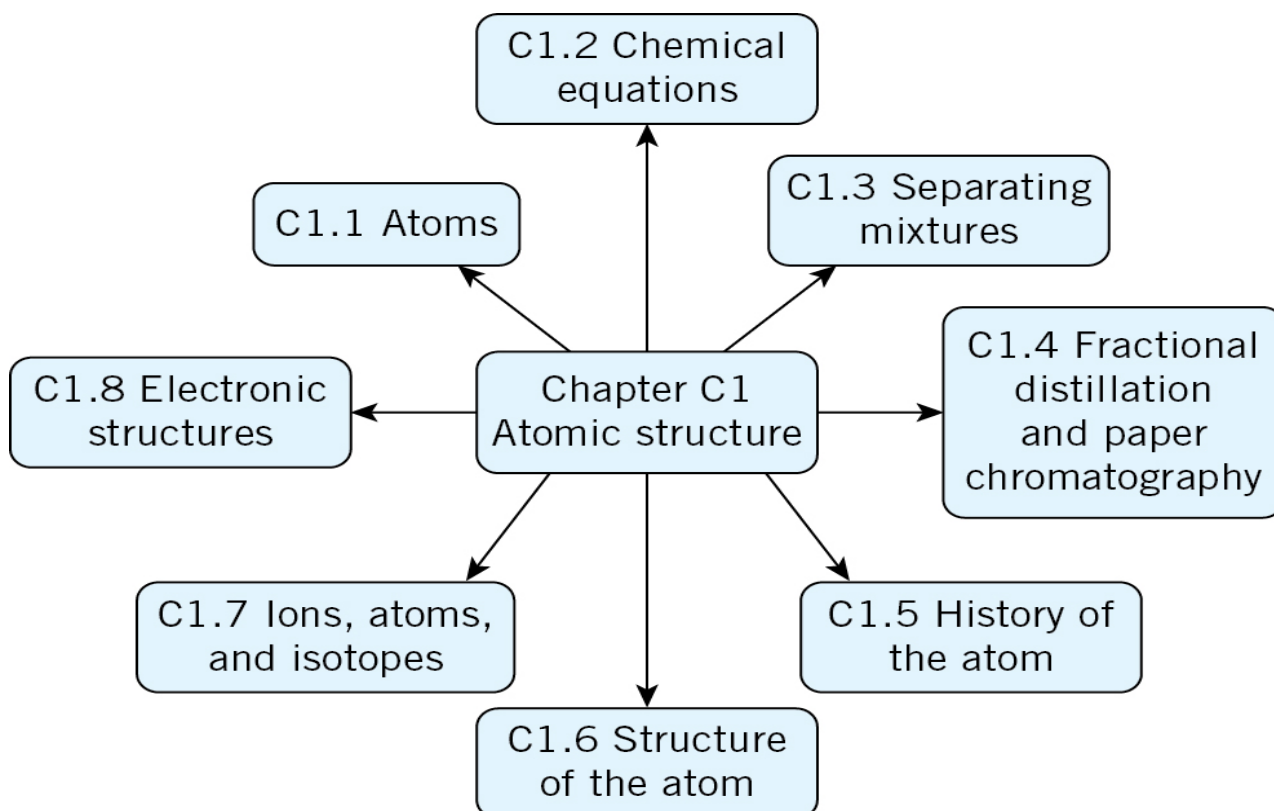
- **Atomic structure pages 4 to 21.**
- **The periodic table pages 22 to 35.**

C1 Atomic structure

The spider diagram on the following page shows the main ideas in this chapter in quite a lot of detail. The spider diagram is split into eight sections – one for each of the double page spreads in your student book.

Copy or complete the diagram to show the key information from this chapter. Spaces have been left for you to add the missing words.

Try to include some pictures and different colours in your spider diagram. Think about how the key ideas link together and try adding some arrows to link the topics together.



C2 The periodic table

Below is a blank set of revision cards. There should be **at least** one card for each of the double page spreads in your student book. Fill in each card to show the key information from this chapter. Make sure there is enough information on each card to cover the learning objectives for each lesson. Add pictures and use different colours to make the cards more interesting.

C2.1 Development of the periodic table	C2.2 Electronic structures and the periodic table
C2.3 Group 1 – the alkali metals	C2.4 Group 7 – the halogens
C2.5 Explaining trends	C2.6 The transition elements

Cross curriculum links

There are skills that you will need to build up to help you access the information in these units.

To help you with these skills you can access myMaths programs or other maths resources.

C2 MyMaths: The periodic table



If your school has MyMaths, try looking at these activities that will support you in understanding the maths that is relevant to this chapter:

[Using standard form with very small numbers](#)

[Using standard form with very large numbers](#)

[Dividing by 10 and 100](#)

[Decimal place value](#)

[Introduction to ratios](#)