

Grade 10 Chemistry – Mid term test Revision list

You will need your textbook to complete the following work. If you do not have your textbook or the ebook version from the front of your textbook, then use the following link to help <https://www.bbc.co.uk/bitesize/examspecs/zy984j6>

You need to draw a poster, make a powerpoint or some other review materials on the following topics.

Topic	Textbook page number	Notes
Laboratory equipment and safety rules. Plotting, reading and understanding relationships in graphs.	P.321-327	Remember 'best-fit' lines and how to compare and evaluate data.
States of matter	P.3-13	Remember the kinetic theory of particles and their interconversions.
Elements, compounds and mixtures	P.14-23	Remember how to identify substances and separating methods.
Atomic structure	P.24-29	Sub-atomic particles, atomic properties and electronic configuration.
Periodic table	P.30-37	Periodic properties (Groups and Periods), finding the position of an element by using its electronic configuration.
Chemical formulae, equations and calculations	P.38-63	Writing and balancing chemical equation, mole concept and mole calculations.
Ionic bonding	P.75-84	Dot-and-cross diagram, writing and naming ionic formulae and properties of ionic substances.
Covalent bonding	P.85-97	Showing covalent bonding with dot-and-cross diagram, properties of covalent structures and identifying substances with properties.