

Year 7 End of Year Exam Revision List

For the **end of year exam in June 2025** you will sit a 60 minute written exam paper that will include questions to cover three sciences (Biology, Chemistry and Physics)

To prepare for this exam you should review the following topic areas:



Working Scientifically (*general science skills, required across all topics*)

- Identify independent variable/dependent variable/control variables
- Risk assessment – working safely during practicals
- Collecting and presenting data in a table (column order/headings with units/Identifying anomalous data/calculating a mean average from repeat measurements)
- Graph skills (choosing appropriate type/axes label and unit/ even, linear scale/ line of best fit)
- Describing patterns and trends in data (from tables and graphs)
- Mathematical skills such as use of formula/rearranging formula.

Biology

- Cell structure (organelle function, animal and plant cell differences, specialised cells)
- Microscopy (parts of a light microscope, using a light microscope, making and recording observations)

Chemistry

- States of matter (including particle theory, changing state and diffusion)
- Lab safety (hazard symbols and lab rules)
- Atoms, elements and compounds (including use of chemical formulae)

Physics

- Forces (action of forces, types of forces, balanced and unbalanced forces)
- Waves (Sound)

How to revise:

Make use of your class notes- look back through and find the relevant work. Don't forget to look at your previous topic tests too...what were the bits that you struggled with most at the time? These areas should be a revision focus for you.



Access the **ACTIVATE digital textbook** by logging on to www.kerboodle.com (*you have your own login details...ask any science teacher if you are unsure*). Read the relevant pages of the textbook.

www.BBCbitesize.com has some great KS3 science revision resources too.

BBC
Bitesize

Write your own summary notes (bullet points of the key ideas /keywords list with definitions/ annotated diagrams/ mind-maps or flash cards) to go over the main content of each topic.



www.Senecalearning.com is a free online revision platform that might be useful for some of the KS3 science topic areas too.

Good luck 😊