

5 WEEK *Biology Revision schedule*

Dedicate 15 minutes every day, even if it is lunch or break time, to follow this steady-does-it guide to the new GCSE programme. This will allow you to be prepared for each topic test window.

Beginner Plan



Hand work in for checking



Under timed exam conditions



Independent research



Review: Kerboodle/mind maps

Week	MON	TUE	WED	THU	FRI	SAT	SUN
1	Sketch an animal cell with the main organelles	Sketch a plant cell with the main organelles	Revise the difference between eukaryotic and prokaryotic cells	Rest	Revise the role of mitochondria and the equation for respiration	Revise the role of the ribosomes	Attempt June 15 Q1
2	Specialised cells research – Sperm cell How are they adapted? 	Specialised cells research – Nerve cell 	Specialised cells research – muscle cell – why do they need large numbers of mitochondria?	Rest	How are root hair cells adapted to take in water? 	Revise the structure and function of xylem and phloem	Attempt Jan 13 Q3
3	Make a table to compare electron and light microscopes	Write out the difference between magnification and resolution	Go back to the magnification equation in your book. Read page 4/5 on kerboodle to revise units	Rest	Attempt the test yourself questions on kerboodle	Review weeks 1 – 3 and email your teacher for more questions on topics found difficult	Practice questions Page 25 Kerboodle
4	Draw the stages of mitosis	Recall where mitosis is occurring and the reasons	Research modern medical uses of stem cells 	Rest	Attempt the QWC question from the ppt on google classroom	June 15 Q5 	June 15 Q1
5	Read through diffusion on kerboodle	Research diffusion examples in biology	Talk to someone to describe the difference between osmosis and diffusion	Rest	Read through your notes on SA/V ratio.	Explain how active transport allows mineral ions to enter a plant	Attempt June 14 Q2/13 Q4

Topic 1 - Cells