



Science Year 11

	Term one	Term Two	Term Three	Term Four	Term Five	Term Six
Week One	Topic 1a – Cell structure and cell division	Topic 2c – Enzymes and digestion	Topic 6a – DNA and reproduction	Topic 7b – Human impacts on the environment	Practical 7 – Investigating reaction time Practical 8 – Investigating plant growth responses	Completion of missed work/revision
Week Two	Topic 1a – Cell structure and cell division	Topic 3 – Infection and response	Topic 6b - Genetics	Topic 7c – Biomass, food and biotechnology	Practical 9 – Using quadrats and transects	
Week Three	Topic 1b – Transport in cells	Topic 3 – Infection and response	Topic 6c – Evolution and classification	Practical 1 – Using a light microscope Practical 2 – Culturing microorganisms	Completion of missed work/revision	
Week Four	Topic 1b – Transport in cells	Topic 4 - Bioenergetics	Topic 6c – Evolution and classification	Practical 3 – Investigating the effect of sugar solutions on plant cells Practical 4 – Food tests	Completion of missed work/revision	
Week Five	Topic 2a – Tissues, organs and organ systems	Topic 5a – The nervous system	Topic 7a – Organisms and their environment	Practical 5 – Investigating enzymatic reactions Practical 6 – Investigating photosynthesis rate	Completion of missed work/revision	
Week Six	Topic 2a – Tissues, organs and organ systems	Topic 5b – The endocrine system	Topic 7a – Organisms and their environment	Catch up on work missed		
Week Seven	Topic 2b – Health and disease	Topic 5c – Animal and plant hormones				