

# Year 13 Biology

Year Calendar Plan		
Dates	Lesson Focus	Assessment/Revision
Term 1	5.1.3 Neuronal communication 5.1.4 Hormonal communication 5.1.5 Animal and plant responses	PAG 11 Act 2 Daphnia heart rate response to changes in surrounding medium  PC1 Module 5.1 to date plus synoptic questions (Modules 1 to 4)
Term 2	5.2.1 Photosynthesis 5.2.2 Respiration 6.1.1 Cellular control	PAG 6 Act 1 TLC photosynthetic pigments PAG 12 Act 3 Research - rate of oxygen production in pond weed  PC2 Biological processes - Module 5 to date plus synoptic questions (Modules 1 to 3)
Term 3	6.1.2 Patterns of inheritance 6.1.3 Manipulating genomes 6.2.1 Cloning	PC3 Module 6.1 to date plus synoptic questions (Modules 1 to 5)
Term 4	6.2.1 Biotechnology 6.3.1 Ecosystems 6.3.2 Populations and sustainability	PAG 10 Act 3 Measuring pH change during yoghurt production  PC4 Biological diversity and Unified biology - All modules with synoptic questions
Term 5	Revision  Practical endorsement in biology (non exam assessment on PAGs)	
Term 6	Exams: Biological processes 2hr 15min (modules 1, 2, 3 and 5)  Biological diversity 2hr 15 min (modules 1, 2, 4 and 6)  Unified biology 1hr 30min (all modules)	