

Combined Science Biology

		Term 1		Term 2		Term 3		
		Term 1.1	Term 1.2	Term 2.1	Term 2.2	Term 3.1	Term 3.2	
10	Combined Science	Theme	Infection & Response then Bioenergetics		Bioenergetics	Homeostasis & Response	Homeostasis & Response	Inheritance, Variation & Evolution
		Concept						
		Skills Knowledge	Infectious diseases Viral diseases Bacterial diseases Other diseases Human defence systems Vaccination Drug development	Vaccination Antibiotics & Painkillers Drug development Photosynthesis Limiting Factors Investigating photosynthesis	Applications of limiting factors Uses of glucose Aerobic respiration Anaerobic respiration Response to exercise Metabolism	Nervous system Reflex arc Reaction time Endocrine System Control of blood glucose	Hormones in human reproduction Contraception IVF Negative Feedback	Reproduction Meiosis DNA and the genome Genetic inheritance Inherited disorders and sex determination
		Wider Curriculum						
11	Combined Science	Theme	Inheritance, Variation & Evolution		Ecology		Preparation for final exams	
		Concept						
		Skills Knowledge	Variation Evolution Selective breeding Genetic engineering Extinction Classification	Evidence for evolution Fossils Other evidence e.g. DNA Extinction Classification	Communities Biotic & abiotic factors Sampling plant populations Adaptations Feeding relationships Cycles Biodiversity	Effect of humans – pollution, land use, deforestation, global warming	Biology revision to address each group's needs specific to paper 1 and paper 2.	
		Wider Curriculum						