Biology							
	Year 10 Separates	Year 10 Combined	Year 11 Separates	Year 11 Combined			
	Organising animals and plants	Organising animals and plants	Homeostasis and response	Genetics			
	The blood	The blood	Controlling body temperature	Sexual and asexual reproduction			
	The heart	The heart	Removing waste products	Meiosis			
	Breathing and gas exchange	Breathing and gas exchange	Kidney	The genome			
	Plant tissues	Plant tissues		Inheritance			
	Transpiration	Transpiration	Genetics	Inherited disorders			
			Sexual and asexual reproduction	Screening for genetic disorders			
	Disease	Disease	Meiosis				
	Pathogens	Pathogens	The genome	Evolution			
	Bacteria	Bacteria	DNA structure	Variation			
	Bacterial growth	Viruses	Protein synthesis	Natural selection			
Α	Viruses	Fungi	Gene expression and mutation	Selective breeding			
u	Fungi	Protists	Inheritance	Genetic engineering			
t	Protists	Human defence systems	Inherited disorders	Ethics of genetic technology			
u	Human defence systems	Vaccinations	Screening for genetic disorders	Fossils			
m	Plant diseases	Antibiotics		Extinction			
n	Vaccinations	Discovering and developing drugs	Evolution	Classification			
	Antibiotics		Variation				
	Discovering and developing drugs		Natural selection				
	Monoclonal antibodies		Selective breeding				
			Genetic engineering				
			Cloning				
			Ethics of genetic technology				
			Theories of evolution				
			Speciation				
			Fossils				
			Extinction				
			Classification				
S	Lifestyle disease	Lifestyle disease	Ecology and biodiversity	Ecology and biodiversity			
	Cancer	Cancer	Feeding relationships	Feeding relationships			
p	Smoking	Smoking	Materials cycling	Materials cycling			
	Diet and exercise	Diet and exercise	Carbon cycle	Carbon cycle			
l '	Alcohol	Alcohol	Decomposition	Pollution			
			Pollution	Deforestation			
g			Deforestation	Global warming			

	Bioenergetics	Bioenergetics	Global warming	
	Photosynthesis	Photosynthesis	Maintaining biodiversity	
	Aerobic respiration	Aerobic respiration	Trophic levels	
	Anaerobic respiration	Anaerobic respiration	Biomass transfers	
			Food security	
	Homeostasis and response	Homeostasis and response		
	Nervous system	Nervous system		
	Reflex arc	Reflex arc		
	Synapses	Synapses		
	The brain			
	The eye			
	Ecology and biodiversity	Ecology and biodiversity	n/a	n/a
	Distribution and abundance	Distribution and abundance		
	Competition	Competition		
	Adaptation	Adaptation		
S	Homeostasis and response	Homeostasis and response		
u	Hormones	Hormones		
m	Control of glucose levels	Control of glucose levels		
m	_	Diabetes		
e	Human reproduction	Human reproduction		
r	Artificial control of fertility	Artificial control of fertility		
	Infertility treatments	Infertility treatments		
	Plant hormones			