	Biology				
	Year 12	Year 13			
	Lifestyle, health and risk	Statistics			
	Heart and circulatory system	Standard deviation			
	Chemistry of water	Chi squared			
	Structure and function of blood vessels	Student T-test			
_	The cardiac cycle	Correlation coefficient			
	Atherosclerosis				
u +	Calculation and perception of risk	On the wild side			
	Blood pressure	Photosynthesis			
		Energy flow through ecosystems			
	Genes and health	Evidence of climate change			
	Lung structure and function				
	Structure of proteins	Infection, immunity and forensics			
	Cell membranes	Bacteria and viruses			
	Transport between cells	Non-specific immune response			
	Enzymes	TB and HIV			
		Specific immune response			
	Lifestyle, health and risk	On the wild side			
	Structure of carbohydrates	Evolution			
	Structure of lipids	Speciation			
	Structure of cholesterol	Carbon cycle			
Δ	Calculating energy budgets				
	Genetic risk factors	Infection, immunity and forensics			
t t	Antioxidants	Protein synthesis			
	Treatments for CVD	Preventing infection			
m		Antibiotics			
n	Genes and health				
2	Structure of DNA and RNA				
2	Protein synthesis				
	DNA replication				
	Monohybrid inheritance				
	Genetic screening				
	Ethics of genetic screening				

	Voice of the genome	Run for your life
	Cell structure and ultrastructure	Joints
	Eukaryotic and prokaryotic cells	Muscles
	Structure and function of RER and Golgi apparatus	Respiration
c	Fertilisation	Aerobic capacity
s p		Cardiac output
	Biodiversity and natural resources	Control of breathing
r	The concept of a niche	
1	Adaptations	Grey matter
n	Natural selection	Neurons
g	Using the Hardy Weinberg equation	The reflex arc
T	Biodiversity	Resting potential
		Action potential
		Propagation
		Synapses
		Nervous and hormonal control
	Voice of the genome	Run for your life
	Mitosis	Joints
	Meiosis	Muscles
	Sex Linkage	Respiration
c	Stem cells	Aerobic capacity
5 n	Ethical issues surrounding stem cell use	Cardiac output
p r		Control of breathing
;	Biodiversity and natural resources	
n	Classification	Grey matter
ιι σ	Measuring biodiversity	The brain
б 2	Plant cell structure	Brain imaging
Z	Structure of cellulose	Visual development
	Transpiration	Habituation
	Translocation	Animal testing
		Human genome project
		GMO's
S	Voice of the genome	Pre release article
u	The role of the nucleus	Synoptic work on the whole course linked to the pre-release article from the exam
m	Gene expression	board.
m	Epigenetics	
e	Genotypes and phenotypes	
C	Genes and the environment	

r		
1	Biodiversity and natural resources	
	Drugs trials	
	The structure of seeds	
	The role of zoos	
	Reintroduction of captive animals	
	The role of seed banks	
	On the wild side	n/a
S	Biotic and abiotic factors	
u	How to conduct ecological sampling	
m	Succession	
m		
е	Infection, immunity and forensics	
r	DNA profiling	
2	PCR	
	Determining time of death	