

Term	Topic(s)	Assessed work	Additional details
1 a 7 weeks 14 lessons	Topic SB6 <ul style="list-style-type: none"> • Photosynthesis and leaf structure • Root hair cells • Xylem and Phloem • Stomata • Transpiration and the potometer • Plant adaptations • Plant hormones 	SB6 End of topic test	
1b 7 weeks 14 lessons	Topic SB3 <ul style="list-style-type: none"> • Sexual and asexual reproduction • Meiosis • DNA structure • Genetic code • Protein synthesis • Mendel, alleles and monohybrid inheritance • Sex determination and sex-linkage • ABO blood groups 		
2a 7 weeks 14 lessons	Topic SB3 continued <ul style="list-style-type: none"> • Variation and mutation • Human genome project Topic SB4 <ul style="list-style-type: none"> • Darwin, Wallace and Natural selection • Evidence for human evolution • Classification • Tissue culture 	SB3 End of topic test	
2b 5 weeks 10 lessons	Topic SB4 continued <ul style="list-style-type: none"> • Selective breeding • Genetic engineering • Fertilisers and biological control Topic SB5 <ul style="list-style-type: none"> • Pathogens 	SB4 End of topic test	
3a 5 weeks 10 lessons	Topic SB5 continued <ul style="list-style-type: none"> • Life cycle of a virus • Plant defences • Physical and chemical barriers • Specific immune response • Immunisation • Antibiotics + aseptic techniques 		

3b 7 weeks 14 lessons	Exam preparation Topic SB5 continued <ul style="list-style-type: none">• Monoclonal antibodies• Development of new medicines• Obesity, malnutrition and BMI• Alcohol and liver disease	13th June -Exam week 20th/27th June-work experience SB5 End of topic test	
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