



Department: Biology		
Course Summary:		
<p>B14 – Variation and Evolution</p> <ul style="list-style-type: none"> • Variation • Natural Selection • Selective Breeding • Genetic engineering • Cloning Adult cell cloning • Ethics <p>B15 – Genetics and evolution</p> <ul style="list-style-type: none"> • Theories of evolution • Darwin’s ideas • Speciation • Evidence for evolution • Fossils • Extinction • Antibiotic resistant bacteria • Classification <p>B16 – Adaptations/ Interdependence and Competition</p> <ul style="list-style-type: none"> • Communities • Distribution • Abundance • Competition • Adaptation 	<p>B17 – Organising Ecosystems</p> <ul style="list-style-type: none"> • Feeding relationships • Decay • Carbon cycle • Rate of decomposition <p>B18 – Biodiversity and Ecosystems</p> <ul style="list-style-type: none"> • Human population • Land and water pollution • Air pollution • Deforestation • Global warming • Biodiversity • Trophic levels and biomass • Energy transfer • Food security • Sustainable food production 	
IST Assessments:		
Michaelmas	Lent	Summer
<p>B14 – Variation and Evolution</p> <p>B15 – Genetics and evolution</p> <p>B16 – Adaptations/ Interdependence and Competition</p> <p>Required Practical 9</p>	<p>B17 – Organising Ecosystems</p> <p>B18 – Biodiversity and Ecosystems</p> <p>Required Practical 10</p>	