

KS4 Biology – Year 11

	Topics Covered	Assessment
<p>YEAR 11 AUTUMN TERM</p> <p>Weeks – 1-15</p> <p>5th September – 21st December 2016</p>	<p>HOMEOSTASIS</p> <ul style="list-style-type: none"> • The eye • Control of body temperature • Hormonal coordination • Control of blood sugar • Maintaining water and nitrogen balance • Hormones in reproduction • Contraception • Infertility treatment • Negative feedback • Plant hormones • Use of plant hormones 	<p>Graded homework</p> <p>In-class assessments</p> <p>Formal PT1 examination</p>
<p>Year 11 Spring Term</p> <p>Weeks – 16-26</p> <p>9th January – 31st March 2017</p>	<p>INHERITANCE AND VARIATION</p> <ul style="list-style-type: none"> - Sexual and asexual reproduction - Meiosis - Advantages/Disadvantages of mitosis and meiosis - DNA and the genome - DNA structure - Genetic inheritance - Inherited disorders - Sex determination - Variation - Evolution - Selective breeding - Genetic engineering - Cloning <p>Developing ideas on genetics</p>	<p>Graded homework</p> <p>In-class assessments</p> <p>Formal PT2 examination</p>
<p>Year 11 SUMMER TERM</p> <p>Weeks – 27-39</p> <p>17th April – 21st July 2017</p>	<p>ECOLOGY</p> <ul style="list-style-type: none"> - Communities - Abiotic factors - Biotic factors - Adaptations - Levels of organisation - Recycling of materials - Decomposition - Impact of environmental change - Biodiversity - Waste management - Land use - Deforestation - Global warming - Maintaining biodiversity - Trophic levels - Pyramids of biomass - Transfer of biomass - Food production - Farming and fisheries 	

Progress Tracking Assessment dates

PT1: 14th- 25th November 2016

PT2: 20th February to 8th March 2017

GCSEs start 15th May 2017