

KS4 Biology – Year 10

	Topics Covered	Assessment
<p>YEAR 10 AUTUMN TERM</p> <p>Weeks – 1-15</p> <p>5th September – 21st December 2016</p>	<p>CELL BIOLOGY</p> <ul style="list-style-type: none"> - Eukaryotes and prokaryotes - Animal and plant cells - Cell specialisation - Cell differentiation - Microscopy - Culturing microorganisms - Chromosomes - Mitosis and cell cycle - Stem cells - Transport in cells - Diffusion - Osmosis - Active transport 	<p>Graded homework</p> <p>In-class assessments</p> <p>Formal PT1 examination</p>
<p>Year 10 Spring Term</p> <p>Weeks – 16-26</p> <p>9th January – 31st March 2017</p>	<p>ORGANISATION</p> <ul style="list-style-type: none"> - Animal tissues, organs and organ systems - Heart and blood vessels - Blood - Heart disease and health issues - Plant tissues, organs and systems <p>INFECTION AND RESPONSE</p> <ul style="list-style-type: none"> - Communicable diseases - Human defence systems - Vaccination - Antibiotics - Drug development - Monoclonal antibodies - Plant disease 	<p>Graded homework</p> <p>In-class assessments</p> <p>Formal PT2 examination</p>
<p>Year 10 SUMMER TERM</p> <p>Weeks – 27-39</p> <p>17th April – 21st July 2017</p>	<p>BIOENERGETICS</p> <ul style="list-style-type: none"> • Photosynthesis • Respiration • Exercise and metabolism <p>HOMEOSTASIS AND RESPONSE</p> <ul style="list-style-type: none"> • Homeostasis • The nervous system • The brain 	<p>Graded homework</p> <p>In-class assessments</p> <p>Formal PT3 examination (mock B1 Exam)</p>

Progress Tracking Assessment dates

PT1: 14th- 18th November 2016

PT2: 23rd January to 3rd February 2017

PT3: 19th to 30th June 2017

