# YEAR 11 BIOLOGY WORK PLAN: Semester 1, 2019 – Mrs Sally Carey and Mrs Kelly Jennings

<table>
<thead>
<tr>
<th>UNIT</th>
<th>TERM 1 TOPICS</th>
<th>ASSESSMENT</th>
<th>DUE DATE</th>
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| 1    | Topic 1 Prokaryotic and eukaryotic cells  
Topic 2 Cell membrane  
Topic 3 Internal membranes and enzymes  
Topic 5 Cell differentiation and specialisation  
Topic 6 Topic 6 Gaseous Exchange and transport  
Topic 7 Part A Exchange of nutrients | Data Test Physiology | Term 1  
Week 9  
Monday 25th March |

<table>
<thead>
<tr>
<th>UNITS</th>
<th>TERM 2 TOPICS</th>
<th>ASSESSMENT</th>
<th>DUE DATE</th>
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| 1 and 2 | Topic 1 Unit 2 Homeostasis  
Topics 2 and 3 Unit 2 Neural and Hormonal homeostatic control pathways  
Topic 4 Unit 2 Thermoregulation  
Topic 4 Unit 1 Energy and Metabolism  
Topic 7 Unit1 Part B Exchange of waste  
Topic 8 Unit1 Plant systems gaseous exchange and transport | FIA 1 Student Experiment Factors effecting enzyme rate of reaction.  
Time: up to 10 hours class time.  
Students must perform the majority of the task during class time, including performing background research and developing the methodology, conducting the experiment, processing and analysing evidence and evaluating the methodology, preparing and presenting the response (e.g. writing the scientific report, constructing and presenting the scientific poster).  
Length: written (e.g. scientific report), 1500–2000 word, or multimodal presentation (e.g. scientific poster presentation), 9–11 minutes. | Week 8  
Thursday 13th June |

This work plan was last updated on Thursday, 14 March 2019. The contents are subject to change – students will be advised in advance of any changes - regularly check for updates.