**Higher Biology/ Intermediate II:**  Calendar Outline

This course has three units. To pass the course you must first pass the NAB assessment for each unit and submit an accurate practical report (Outcome 3). Your final pass, and grade, are then determined by the end of course exam.

The course is **much** more demanding than Standard Grade and requires a level of commitment to study out with the lesson including homework and the completion and consolidation of classwork. Successful candidates are those who are prepared to put in the extra effort needed to become confident at this level. You must be ready to ask for the extra help that is always available from your teachers, and you will also be expected to allocate 1 period in your timetable to attend a study period where you will sign-in to the Biology department.

Homework is set regularly in the form of a homework booklet containing exam style questions relating to course content.

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|  | **HIGHER** | **INTERMEDATE II** |
| JUNE – OCT:  | *Cell Biology* | *Living Cells* |
|  | HW1 Cell Variety & Absorption of Materials | HW1 Introduction to cells |
|  | **Outcome 3 Practical Report** | **Outcome 3 Practical Report** |
|  | HW2 ATP & Respiration | HW2 Cells & Enzymes |
|  | HW3 Photosynthesis & Pigments | HW3 Respiration |
|  | HW4 DNA Replication, Protein structure & Function | HW4 Photosynthesis |
|  | HW5 Viruses & Cell defence |  |
| **MID OCT**  | **Cell Biology NAB** | **Living Cells NAB** |

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| OCT - DEC:  | *Genetics and Adaptation*  | *Environmental Biology & Genetics* |
|  | HW1 Meiosis | HW1 Environmental Biology |
|  | HW2 Mono/Dihybrid Crosses & Sex linkage | HW2 Sex cells & Fertilisation |
|  | HW3 Mutation | HW3 Genetics & Inheritance |
|  | HW4 Natural Selection & Evolution | HW4 Evolution & Genetic Engineering |
|  | HW5 Water balance |  |
|  | HW6 Obtaining food |  |
| **DEC**  | **Genetics and Adaptation** **NAB** | **Environmental Biology & Genetics NAB** |

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| DEC - MAR:  | *Control and Regulation* | *Animal Physiology* |
|  | HW1 Plant growth patterns | HW1 Nutrition |
|  | HW2 Control of Growth | HW2 Kidneys & Osmoregulation |
|  | HW3 Homeostasis | HW3 Blood & Circulation |
| **MID FEB** | **PRELIM 1**  | **PRELIM 1**  |
|  | HW4 Populations & Succession | HW4 Evolution & Genetic Engineering |
| **MID MAR**  | **Control and Regulation NAB** | **Animal Physiology NAB** |
|  | Revision and Past Paper Practice | Revision and Past Paper Practice |
| **MID APR**  | **PRELIM 2** | **PRELIM 2** |
| **MAY** | **FINAL EXAM** | **FINAL EXAM** |