

Stage 2 Biology: Overview 2018

Teacher: Paull Marlow

| Weeks | Topic | Summative Assessments |
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| Term 1 1-11 | Topic 1 DNA and Proteins DNA Protein Synthesis Proteins Enzymes Genes Mutations Biotechnology | Practical Completion Investigation: Conditions affecting Enzyme Activity Maximum 1500 words or multimodal equivalent (excluding materials, methods, safety, results) Investigation completed in 90 minutes. Practical report completed in 3 days. DNA and Protein Test: Individually completed 90-minute supervised test |
| Term 2 1-10 | Topic Two Cells as the basis of Life Cell Theory Cell Types Energy Movement Metabolism Cell Division Meiosis Control of cell division | Practical Design Investigation: Effect of various factors on Photosynthesis : Maximum 1500 words or multimodal equivalent (excluding materials, methods, safety, results) Design 1 lesson. Investigation completed over three weeks. Practical report completed in 3 days. Cells as the Basis of Life Test: Individually completed 90-minute supervised test |
| Term 3 1-3 | Topic Three Homeostasis Internal environment Nervous System Endocrine System | Science as a Human Endeavour Investigation: Maximum 1500 words or a maximum of 10 minutes oral presentation or multimodal equivalent. Draft submitted in 1 week. SHE Investigation to be completed in 3 weeks. Homeostasis Test: Individually completed 90-minute supervised test |

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| 4-10 | Topic Four Evolution Origin of Life Genomics Reproductive Isolation Variation Evolutionary change Convergent and Divergent Human Impact | Evolution Test: Individually completed 90-minute supervised test |
| Term 4 | Revision and Exam preparation | External Examination Assessment Type 3: Examination (30%). |