**Sample Assessment Outline**

Integrated Science

General Year 11

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Sample assessment outline

Integrated Science – General Year 11

Unit 1 and Unit 2

| **Assessment  type** | **Assessment  type  weighting** | **Assessment**  **task**  **weighting** | **When/due date/ start and  submission date** | **Assessment task** |
| --- | --- | --- | --- | --- |
| Science Inquiry | 50% | 5% | Semester 1  Week 5 | Task 2: Science Inquiry: Practical – Microscopy: Observing cells  A practical activity observing student and commercially prepared slides of cells. The practical component of the task will be completed in groups. The analysis of data and follow-up questions will be completed individually in class. |
| 15% | Semester 1  Weeks 10–11 | Task 5: Science Inquiry: Investigation – Monitoring a local ecosystem  A field study investigating the effects of human impact on a local ecosystem. The planning and conducting will be completed in groups, with the written report to be prepared individually in class. |
| 5% | Semester 1  Week 13 | Task 6: Science Inquiry: Practical – The importance of variation  A practical activity simulating the effect of variation on the survival of a species. The practical component of the task will be completed in groups. The analysis of data and follow-up questions will be completed individually in class. |
| 5% | Semester 2  Week 2 | Task 8: Science Inquiry: Practical – Properties of materials  A practical activity identifying the properties of materials. The practical component of the task will be completed in groups. The analysis of data and follow-up questions will be completed individually in class. |
| 15% | Semester 2  Weeks 6–7 | Task 10: Science Inquiry: Investigation – Investigating mixtures  Part A is a practical activity identifying classifying a selection of mixtures. The practical component of the task will be completed in groups. The analysis of data and follow-up questions will be completed individually in class.  Part B is an investigation testing predictions of the best separation technique for each mixture in Part A. The planning and conducting will be completed in groups, with the analysis of data and follow-up questions will be completed individually in class. |
| 5% | Semester 2 Week 13 | Task 13: Science Inquiry: Practical – Kinetic and potential energy  A practical activity calculating the kinetic and potential energy of a bouncing ball. The practical component of the task will be completed in groups. The analysis of data and follow-up questions will be completed individually in class. |
| Extended response | 30% | 15% | Semester 1  Weeks 4–9 | Task 4: Extended response – Eutrophication: An unintentional impact  A research task conducted over a six week period culminating in a presentation to the class. Progress will be monitored with the submission of research notes and presentation plan/storyboard on predetermined dates prior to the final presentation. This is an individual task completed during class time. |
| 15% | Semester 2  Weeks 10–12 | Task 12: Extended response – Forces in action  A research task culminating in the production of a scientific poster and presentation to the class demonstrating understanding of the forces and Newton’s Laws of Motion applied to a selected sport. This is an individual task completed by students during class time. |
| Test | 20% | 3% | Semester 1  Week 4 | Task 1: Test – Earth systems  Test consisting of 10 multiple-choice questions, 2–3 short answer questions and one extended answer question. |
| 3% | Semester 1  Week 9 | Task 3: Test – Biological systems  Test consisting of 10 multiple-choice questions, 2–3 short answer questions and one extended answer question. |
| 4% | Semester 1  Week 15 | Task 7: Test – Ecosystems and sustainability and continuity and change  Test consisting of 10 multiple-choice questions, 2–3 short answer questions and one extended answer question. |
| 3.5% | Semester 2  Week 5 | Task 9: Test – Atomic structure and chemical reactions  Test consisting of 10 multiple-choice questions, 2–3 short answer questions and one extended answer question. |
| 3.5% | Semester 2  Week 11 | Task 11: Test – Motion and forces  Test consisting of 10 multiple-choice questions, 2–3 short answer questions and one extended answer question. |
| 3% | Semester 2  Week 15 | Task 14: Test – Energy  Test consisting of 10 multiple-choice questions, 2–3 short answer questions and one extended answer question. |
| Total | 100% | 100% |  |  |