Sample assessment outline
Integrated Science – General Year 11
Unit 1 and Unit 2

<table>
<thead>
<tr>
<th>Assessment type</th>
<th>Assessment type weighting</th>
<th>Assessment task weighting</th>
<th>When/due date/start and submission date</th>
<th>Assessment task</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science Inquiry</td>
<td>50%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
|                  |                           | 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. |
### Sample Assessment Outline

<table>
<thead>
<tr>
<th>Assessment type</th>
<th>Assessment type weighting</th>
<th>Assessment task weighting</th>
<th>When/due date/start and submission date</th>
<th>Assessment task</th>
</tr>
</thead>
</table>
| 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%** | | |