**Sample Assessment Outline**

Integrated Science

General Year 11

**Copyright**

© School Curriculum and Standards Authority, 2014

This document – apart from any third party copyright material contained in it – may be freely copied, or communicated on an intranet, for non-commercial purposes in educational institutions, provided that the School Curriculum and Standards Authority is acknowledged as the copyright owner, and that the Authority’s moral rights are not infringed.

Copying or communication for any other purpose can be done only within the terms of the *Copyright Act 1968* or with prior written permission of the School Curriculum and Standards Authority. Copying or communication of any third party copyright material can be done only within the terms of the *Copyright Act 1968* or with permission of the copyright owners.

Any content in this document that has been derived from the Australian Curriculum may be used under the terms of the [Creative Commons Attribution 4.0 International licence](http://creativecommons.org/licenses/by/4.0/).

**Disclaimer**

Any resources such as texts, websites and so on that may be referred to in this document are provided as examples of resources that teachers can use to support their learning programs. Their inclusion does not imply that they are mandatory or that they are the only resources relevant to the course.

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 1Week 5 | Task 2: Science Inquiry: Practical – Microscopy: Observing cellsA 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 1Week 13 | Task 6: Science Inquiry: Practical – The importance of variationA 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 materialsA 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 mixturesPart 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 energyA 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 systemsTest 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 systemsTest 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 reactionsTest 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 forcesTest consisting of 10 multiple-choice questions, 2–3 short answer questions and one extended answer question. |
| 3% | Semester 2 Week 15 | Task 14: Test – EnergyTest consisting of 10 multiple-choice questions, 2–3 short answer questions and one extended answer question. |
| Total | 100% | 100% |  |  |