



SAMPLE ASSESSMENT OUTLINE

INTEGRATED SCIENCE
GENERAL YEAR 11

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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 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.

Assessment type	Assessment type weighting	Assessment task weighting	When/due date/ start and submission date	Assessment task
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%		