



SAMPLE ASSESSMENT OUTLINE

CHEMISTRY
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](#).

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
Chemistry – General Year 11
Unit 1 and Unit 2

Assessment type (from syllabus)	Assessment type weighting (from syllabus)	Assessment task weighting	Week	Assessment task
Science inquiry/ Practical/ Investigation	50%	8%	Semester 1 Week 3	Task 1: Investigation – Design and conduct an investigation assessing seaweed for chlorophyll using chromatography, and submit a report on the investigation
		5%	Semester 1 Week 6	Task 3: Practical – Conduct laboratory activity and prepare a report on factors that affect solubility
		5%	Semester 1 Week 12	Task 6: Practical – Conduct laboratory activity and prepare a report on measuring rates of reaction
		10%	Semester 1 Week 14	Task 7: Investigation – Design and conduct an investigation to assess factors affecting rates of food decay, and submit a report on the investigation
		6%	Semester 2 Week 7	Task 10: Practical test – Identifying properties of solutions (pH, electrolyte solution, ions in solution) and identify any ions in solution
		6%	Semester 2 Week 10	Task 12: Investigation – Design and conduct an investigation to compare cleaning power of soaps and detergents
		10%	Semester 2 Week 14	Task 15: Investigation – Design and conduct an investigation to measure nitrate, phosphate and biological oxygen demand in local water sources in relation to potential for eutrophication, and communicate findings to an audience using posters or podcasts or PowerPoint.
Extended response	20%	6%	Semester 1 Week 7	Task 4: Food labelling – Students select processed foods from categories (e.g. dairy, baked goods, breads, beverages, tinned fruits, tinned soups) and compare contents and their concentrations. Also identify additives, and relate stated concentration values to recommended daily intake of food types
		7%	Semester 1 Week 3	Task 9: Students research natural factors affecting soil pH, effects of agricultural chemicals on soil pH, effects of soil pH on plant growth and methods to manage soil pH
		7%	Semester 2 Week 13	Task 14: Students select an oil spill occurring in the last five years and research its clean-up and remediation of the affected area and plants and animals
Test	30%	5%	Semester 1 Week 4	Task 2: Properties of matter
		7%	Semester 1 Week 11	Task 5: Atomic structure, the language of chemistry and chemical reactions
		6%	Semester 1 Week 15	Task 8: Reaction rates

		7%	Semester 2 Week 8	Task 11: Analysis of aqueous solutions
		5%	Semester 2 Week 11	Task 13: Aqueous solutions in action
Total	100%	100%		