Government of **Western Australia**
School Curriculum and Standards Authority

SAMPLE ASSESSMENT OUTLINE

BIOLOGY
GENERAL YEAR 11

Sample assessment outline
Biology – General Year 11
Unit 1 and Unit 2

Assessment type	Assessment type weighting	Assessment task weighting	When	Assessment task
Science inquiry	40%	10%	Semester 1 Week 6	**Task 1**: Environmental investigation – Use dichotomous keys to classify organisms in the local habitat; select a group of plants or a group of animals on which to focus your investigation.
		5%	Semester 1 Week 10	**Task 3**: Practical – Microscopy techniques. Prepare slides, set up and focus a microscope, state magnification, measure cell size, interpret images and draw diagrams.
		5%	Semester 1 Week 12	**Task 4**: Investigation – Respiration in seeds. Set-up, monitor and collect data conducted over two weeks. A scientific report will be written individually in class under supervised conditions.
		5%	Semester 2 Week 2	**Task 7**: Practical – Gas exchange in animals. Dissect fish gills and make comparisons with a sheep's pluck (heart and lungs). Respond to questions guiding them through the activity.
		5%	Semester 2 Week 4	**Task 8**: Practical – Specialised structure for nutrition in carnivores, herbivores and parasites. Observe skulls of carnivores and herbivores to compare teeth structure and compare these with structures of parasites, e.g. hookworm. Draw diagrams, summarise findings and make inferences on other organisms' mode of nutrition.
		10%	Semester 2 Week 12	**Task 11**: Investigation – Adaptations of vascular plants and algae for an aquatic environment. Visit an aquatic ecosystem to make observations of plants; collect data and record observations. Use field notes to write a report in class under supervised conditions.
Extended response	20%	10%	Semester 1 Week 14	**Task 5**: Extended response – Maximising photosynthesis to improve commercial plant growth. Research the topic and write responses to questions in class under supervised conditions. Time allowed – 30 minutes. A half-page of notes can be used.
		10%	Semester 2 Week 6	**Task 9**: Extended response – Exchange surfaces in plants. Research the topic and write responses to questions in class under supervised conditions. Time allowed – 30 minutes. A half-page of notes can be used.
Test	40%	10%	Semester 1 Week 6	**Task 2**: Classification test
		10%	Semester 1 Week 15	**Task 6**: Cell processes test
		10%	Semester 2 Week 8	**Task 10**: Functioning organisms test
		10%	Semester 2 Week 15	**Task 12**: Adaptations test
Total	**100%**	**100%**		