



SAMPLE ASSESSMENT OUTLINE

EARTH AND ENVIRONMENTAL SCIENCE
ATAR YEAR 11

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Sample assessment outline

Earth and Environmental Science – ATAR Year 11

Unit 1 and Unit 2

Assessment type	Assessment type weighting	Assessment task weighting	Time	Assessment task
Investigation	30%	5%	Semester 1 Week 5	Task 1: Investigation of soil properties, e.g. pH, wettability, components, salinity
		10%	Semester 1 Week 8	Task 3: Field investigation of an area with sedimentary rocks and processes
		5%	Semester 2 Week 3	Task 7: Practical identification of igneous rocks and their mode of formation
		10%	Semester 2 Week 13	Task 10: Case study – Effect of human activities on an ecosystem
Extended task	10%	5%	Semester 1 Week 12	Task 4: Research past environments through fossil evidence, e.g. BIFs, Ediacara fauna, paleoecology, microbiology
		5%	Semester 2 Week 10	Task 9: Research use of satellite data to monitor or manage biomass production
Test	20%	5%	Semester 1 Week 7	Task 2: Test on the geosphere
		5%	Semester 1 Week 14	Task 5: Test on atmosphere, hydrosphere and biosphere
		5%	Semester 2 Week 5	Task 8: Test on Earth processes and atmospheric processes
		5%	Semester 2 Week 14	Task 11: Test on ocean processes, energy transfer and biogeochemical processes
Examination	40%	15%	Semester 1 Week 16	Task 6: Semester 1 examination based on Unit 1 content
		25%	Semester 2 Week 16	Task 12: Semester 2 examination based on Unit 1 and Unit 2 content
Total	100%	100%		