



SAMPLE ASSESSMENT OUTLINE

HUMAN BIOLOGY
ATAR YEAR 12

Acknowledgement of Country

Kaya. The School Curriculum and Standards Authority (the Authority) acknowledges that our offices are on Whadjuk Noongar boodjar and that we deliver our services on the country of many traditional custodians and language groups throughout Western Australia. The Authority acknowledges the traditional custodians throughout Western Australia and their continuing connection to land, waters and community. We offer our respect to Elders past and present.

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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. Teachers must exercise their professional judgement as to the appropriateness of any they may wish to use.

Sample assessment outline
Human Biology – ATAR Year 12
Unit 3 and Unit 4

Assessment type	Assessment type weighting	Assessment task weighting	When	Assessment task
Science inquiry	10%	5%	Semester 1 Weeks 8–10	Task 2: Investigation – Temperature regulation mechanisms of the human body In groups, students will plan and conduct an investigation on temperature regulation mechanisms in humans. An individual written report will be prepared partially at home and completed in class under invigilated conditions.
		5%	Semester 2 Week 4	Task 5: Practical – Simulating changes to gene pools A practical activity modelling changes to gene pools. Students will work in groups to collect data and work individually in class to analyse the data and respond to questions.
Extended response	15%	7%	Semester 1 Weeks 2–4	Task 1: Extended response – Recombinant DNA technology and its uses A research task resulting in the production of a model of the recombinant DNA technology that can be used to demonstrate the application of the process for improving quality of life. The research will also consider the ethical concerns associated with this technology. This is an individual task with the application component completed in class.
		8%	Semester 2 Weeks 7–9	Task 6: Extended response – Further evidence for evolution A research task on evidence to support the theory of evolution by natural selection. Students will use their research to respond to questions in class under invigilated conditions.
Test	25%	10%	Semester 1 Week 13	Task 3: Test – Response to infection Test consisting of 10 multiple-choice questions, three short-answer questions and one extended answer question
		15%	Semester 2 Week 13	Task 7: Test – Evidence for evolution and hominid evolutionary trends Test consisting of 10 multiple-choice questions, three to four short-answer questions and one extended answer question

Assessment type	Assessment type weighting	Assessment task weighting	When	Assessment task
Examination	50%	15%	Semester 1 Week 15	Task 4: Examination – Semester 1 (Unit 3 content) Three hours, using the examination design brief from the syllabus Section One: 30 multiple-choice questions (30%) Section Two: 6–10 short-answer questions (50%) Section Three: two questions from a choice of four (20%)
		35%	Semester 2 Week 15	Task 8: Examination – Semester 2 (Unit 3 and 4 content) Three hours, using the examination design brief from the syllabus Section One: 30 multiple-choice questions (30%) Section Two: 6–10 short-answer questions (50%) Section Three: two questions from a choice of four (20%) (Content weighting: Unit 3 – 50% and Unit 4 – 50%)
Total	100%	100%		