



## **SAMPLE ASSESSMENT OUTLINE**

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**HUMAN BIOLOGY**

**ATAR YEAR 11**

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Sample assessment outline  
 Human Biology – ATAR Year 11  
 Unit 1 and Unit 2

Assessment type (from syllabus)	Assessment type weighting (from syllabus)	Assessment task weighting	When	Assessment task
Science inquiry	20%	12%	Semester 1 Weeks 8–11	<b>Task 2:</b> Investigation – Cardiovascular health in teenagers Students will investigate factors that affect teenage cardiovascular health. The planning and conducting component of the task will be completed in groups. The analysis of data and follow-up questions will be completed individually in class.
		8%	Semester 2 Weeks 9–15	<b>Task 5:</b> Practical – Observing mitosis Students work individually to prepare a slide of a growing onion root tip to examine cells undergoing mitosis. Students will analyse their data and combined group data to answer questions.
Extended response	15%	5%	Semester 1 Weeks 13–15	<b>Task 3:</b> Extended response – Osteoporosis and osteoarthritis A research task on the degenerative bone diseases, osteoporosis and osteoarthritis. Students will use their research to respond to questions in class under invigilated conditions.
		10%	Semester 2 Weeks 6–9	<b>Task 6:</b> Extended response – Genetic screening A research task resulting in the production of a persuasive essay supported by references from at least two different sources, including tables of data, diagrams and/or flowcharts. A student research journal will be monitored regularly and submitted with the essay.
Test	25%	10%	Semester 1 Week 6	<b>Task 1:</b> Test – Cells, tissues and metabolism A test consisting of 10 multiple-choice questions, three to four short answer questions and one extended answer question
		15%	Semester 2 Week 14	<b>Task 7:</b> Test – Human reproduction and types of inheritance A test consisting of 10 multiple-choice questions, three short answer questions and one extended answer question

Assessment type (from syllabus)	Assessment type weighting (from syllabus)	Assessment task weighting	When	Assessment task
Examination	40%	15%	Examination week	<b>Task 4:</b> Semester 1 examination 2.5 hours using a modified examination design brief from the ATAR Year 12 syllabus Section One: 30 multiple-choice questions (30%) Section Two: four to six short answer questions (50%) Section Three: one question from a choice of two (20%)
		25%	Examination week	<b>Task 8:</b> Semester 2 examination 3 hours using the examination design brief from the ATAR Year 12 syllabus Section One: 30 multiple-choice questions (30%) Section Two: six to eight short answer questions (50%) Section Three: two questions from a choice of four (20%) (Content weighting: Unit 1 – 50% and Unit 2 – 50%)
<b>Total</b>	<b>100%</b>	<b>100%</b>		