**Sample Assessment Outline**

Biology

ATAR Year 12

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# Sample assessment outline

# Biology – ATAR Year 12

## Unit 3 and Unit 4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Assessment type**  | **Assessment type weighting**  | **Assessment** **task** **weighting** | **Due date** | **Assessment task** |
| Science inquiry  | 20% | 5% | Semester 1Week 12 | **Task 3:** Practical – Changing a gene pool. A scientific report based on developing and conducting a simulation game with two sets of rules. |
| 10% | Semester 2Week 3 | **Task 6:** Investigation – Temperature regulation in animals. An investigation into thermoregulatory mechanisms and write a report in class under supervised conditions. |
| 5% | Semester 2Week 9 | **Task 8:** Practical – Modelling an outbreak of a disease. A practical activity based on The Nuffield Foundation, Spread of infectious diseases <http://www.nuffieldfoundation.org/science-society/activities-infectious-diseases-now>. |
| Extended response | 10% | 5% | Semester 1Week 9 | **Task 2:** Fossils and evolution. An extended response, consisting of one week of research, followed by an in-class validation based on the research. |
| 5% | Semester 2Week 10 | **Task 9:** Amphibian chytrid fungus disease. An extended response, consisting of one week of research, followed by an in-class validation based on the research. |
| Test | 20% | 5% | Semester 1Week 8 | **Task 1:** Heredity. A 40-minute test, consisting of multiple-choice questions, short-answer questions and an extended-answer question, testing Science Inquiry Skills, Science as a Human Endeavour and the topic Heredity. |
| 5% | Semester 1Week 14 | **Task 4:** Continuity of life on Earth. A 40-minute test, consisting of multiple-choice questions, short-answer questions and an extended-answer question, testing Science Inquiry Skills, Science as a Human Endeavour and the topic Continuity of life on Earth. |
| 5% | Semester 2Week 7 | **Task 7:** Homeostasis. A 40-minute test consisting of multiple-choice questions, short-answer questions and an extended-answer question, testing Science Inquiry Skills, Science as a Human Endeavour and the topic Homeostasis. |
| 5% | Semester 2Week 14 | **Task 10:** Infectious disease. A 40-minute test consisting of multiple-choice questions, short-answer questions and an extended-answer question, testing Science Inquiry Skills, Science as a Human Endeavour and the topic Infectious disease. |
| Examination | 50% | 20% | ExaminationWeek 15 | **Task 5:** Semester 1 Examination – three hours using the examination design brief from the syllabus  |
| 30% | ExaminationWeek 15 | **Task 11:** Semester 2 Examination – three hours using the examination design brief from the syllabus(Content weighting: Unit 3 – 50% and Unit 4 – 50%)  |
| **Total** | **100%** | **100%** |  |  |