**Sample Assessment Outline**

Biology

ATAR Year 12

**Copyright**

© School Curriculum and Standards Authority, 2015

This document – apart from any third party copyright material contained in it – may be freely copied, or communicated on an intranet, for non-commercial purposes in educational institutions, provided that the School Curriculum and Standards Authority is acknowledged as the copyright owner, and that the Authority’s moral rights are not infringed.

Copying or communication for any other purpose can be done only within the terms of the *Copyright Act 1968* or with prior written permission of the School Curriculum and Standards Authority. Copying or communication of any third party copyright material can be done only within the terms of the *Copyright Act 1968* or with permission of the copyright owners.

Any content in this document that has been derived from the Australian Curriculum may be used under the terms of the [Creative Commons Attribution-NonCommercial 3.0 Australia licence](http://creativecommons.org/licenses/by-nc/3.0/au/)

**Disclaimer**

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.

# 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 1  Week 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 2  Week 3 | **Task 6:** Investigation – Temperature regulation in animals. An investigation into thermoregulatory mechanisms and write a report in class under supervised conditions. |
| 5% | Semester 2  Week 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 1  Week 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 2  Week 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 1  Week 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 1  Week 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 2  Week 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 2  Week 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% | Examination  Week 15 | **Task 5:** Semester 1 Examination – three hours using the examination design brief from the syllabus |
| 30% | Examination  Week 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%** |  |  |