**Sample Assessment Outline**

Human Biology

General Year 11

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Sample assessment outline

Human Biology – General Year 11

## Unit 1 and Unit 2

| **Assessment type** **(from syllabus)** | **Assessment type weighting (from syllabus)** | Assessment task weighting | **When/due date/start and submission date** | **Assessment task** |
| --- | --- | --- | --- | --- |
| **Science inquiry** | 40% | 5% | Semester 1Week 3 | Task 1: Science inquiry (practical) – Surface area to volume ratioA practical activity observing the effect of surface area and volume on the exchange of materials. The practical component of the task will be completed in groups. The analysis of data and follow-up questions will be completed individually in class. |
| 10% | Semester 1Week 8 | Task 3: Science inquiry (investigation) – Factors affecting heart rate and blood pressureAn investigation on a selected factor affecting heart rate and blood pressure. The investigation planning and conducting will be conducted in groups, with the written report to be prepared individually in class. |
| 5% | Semester 1Week 12 | Task 5: Science inquiry (practical) – Enzyme activityA practical activity observing the factors that affect the activity of enzymes. The practical component of the task will be completed in groups. The analysis of data and follow-up questions will be completed individually in class. |
| 5% | Semester 2Week 3 | Task 8: Science inquiry (practical) – Modelling cell division A practical activity modelling the process of mitosis and meiosis. The practical component of the task will be completed in groups. The analysis of data and follow-up questions will be completed individually in class. |
| 5% | Semester 2Week 10 | Task 10: Science inquiry (practical) – Milestones of infant developmentAn activity identifying and interpreting trends in second-hand data. This is an individual task completed by students during class time. |
| 10% | Semester 2Week 14 | Task 13: Science inquiry (investigation) – Factors affecting the spread of infectious diseasesA practical activity and investigation modelling the spread of infectious diseases. The practical activity and investigation planning and conducting will be conducted in groups, with the written report to be prepared individually in class. |
| **Extended Response** | 20% | 10% | Semester 1Week 6–14 | Task 6: Extended response – Diseases and lifestyle choices that affect body systemsA research task conducted over a seven week period culminating in a presentation to the class. Progress will be monitored with the submission of research notes and presentation plan/storyboard on predetermined dates prior to the final presentation. This is an individual task completed by students during class time. |
| 10% | Semester 2Week 13 | Task 12: Extended response – Prenatal testingA research task using informational text and the interpretation of scenarios. This is an individual task completed by students during class time. |
| **Test** | 40% | 6% | Semester 1Week 5 | Task 2: Test – Characteristics of lifeTest consisting of 10 multiple-choice questions, 2–3 short answer questions and one extended answer question. |
| 7% | Semester 1Week 9 | **Test 4:** Test – Respiratory and circulatory systemsTest consisting of 10 multiple-choice questions, 2–3 short answer questions and one extended answer question. |
| 7% | Semester 1Week 16 | **Task 7:** Test – Nutrition and diet, digestive and urinary systemsTest consisting of 10 multiple-choice questions, 2–3 short answer questions and one extended answer question. |
| 7% | Semester 2Week 6 | **Task 9:** Test – Genetic material, cell division and reproductive systemsTest consisting of 10 multiple-choice questions, 2–3 short answer questions and one extended answer question. |
| 6% | Semester 2Week 10 | **Task 11**: Test – Pregnancy and birthTest consisting of 10 multiple-choice questions, 2–3 short answer questions and one extended answer question. |
| 7% | Semester 2Week 16 | **Task 14:** Test – Reproductive technologies and STIsTest consisting of 10 multiple-choice questions, 2–3 short answer questions and one extended answer question. |
| Total | 100% | 100% |  |