**Sample Assessment Outline**

Agricultural Science and Technology

ATAR Year 11

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# Sample assessment outline

# Agricultural Science and Technology – ATAR 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 | **15%** | 10% | Semester 1  Week 6 start  Week 11 due | **Task 2:** Salinity investigation – students plan, conduct and prepare a report on an investigation into the effect of salinity on germination rates and growth of selected plants |
| 5% | Semester 2  Week 3 | **Task 5**: Ruminant feed additives for methane reduction – students analyse second-hand data on methane emissions from ruminant livestock and the effects feed additives may have on emissions |
| Project | 20% | 10% | Semester 1  Week 5 start  Week 7 due | Task 1: Resource conservation and management – students research one major land or water degradation issue in an agricultural region of WA, its effect on production, and strategies to mitigate the problem and to improve and maintain the land or water |
| 10% | Semester 2  Week 8 start  Week 9 due | Task 7: Animal health – students research the impacts and management practices for one pest and one disease for an animal production enterprise |
| Test | **25%** | 10% | Semester 1  Week 13 | Task 3: Plant structure and function and genetics and inheritance of traits test – test includes multiple-choice, short answer and extended answer questions |
| 15% | Semester 2  Week 7 | **Task** **6**: Animal digestion and nutrition and reproduction cycle of selected production animals test – test includes multiple-choice, short answer and extended answer questions |
| Examination | 40% | 15% | Examination week  Semester 1  Week 16 | **Task 4:** Semester 1 examination (2 hours ) – Covers Unit 1 content  Based on the Year 12 examination design brief |
| 25% | Examination week  Semester 2  Week 16 | Task 8: Semester 2 examination (2.5 hours) – Covers Units 1 and 2 content with approximately 30% Unit 1 and 70% Unit 2  Based on the Year 12 examination design brief |
| Total | 100% | 100% |  |  |