**Sample Assessment Outline**

Earth and Environmental Science

ATAR Year 12

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# Sample assessment outline

# Earth and Environmental Science – ATAR Year 12

## Unit 3 and Unit 4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Assessment type** | **Assessment  type  weighting** | **Assessment**  **task**  **weighting** | **Time** | **Assessment task** |
| Investigation | 20% | 4% | Semester 1  Week 2 | **Task 1:** Identify metamorphic rocks and describe formation environments |
| 5% | Semester 1  Week 8 | **Task 4:** Investigating a renewable resource |
| 6% | Semester 2  Week 3 | **Task 7:** Construct and test a seismograph – science inquiry skills |
| 5% | Semester 2  Week 7 | **Task 10:** Effect of carbon dioxide on temperature change |
| Extended  task | 10% | 5% | Semester 1  Week 6 | **Task 3:** Case study of a resource site – exploration, extraction, environmental considerations, community consultation |
| 5% | Semester 2  Week 6 | **Task 8:** Research into a natural disaster and its effect on the biosphere |
| Test | 20% | 5% | Semester 1  Week 4 | **Task 2:** Mapping, cross-section test |
| 5% | Semester 1  Week 15 | **Task 5:** Renewable Earth resources test |
| 5% | Semester 2  Week 6 | **Task 9:** The cause and impact of Earth hazards test |
| 5% | Semester 2  Week 14 | **Task 11:** The cause and impact of global climate change test |
| Examination | 50% | 20% | Semester 1  Week 16 | **Task 6:** Semester 1examination based on Unit 3 content |
| 30% | Semester 2  Week 16 | **Task 12:** Semester 2examination based on Unit 3 and Unit 4 content |
|  | **100%** | **100%** |  |  |