**Sample Assessment Outline**

Earth and Environmental Science

General Year 12

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# Sample assessment outline

# Earth and Environmental Science – General Year 12

## Unit 3 and Unit 4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Assessment type (from syllabus)** | **Assessment  type weighting  (from syllabus)** | **Assessment**  **task**  **weighting** | **Due date** | **Assessment task** |
| Investigation | 30% | 8% | Semester 1  Week 4 | **Task 1:** Experiment – extraction of metals from ores |
| 6% | Semester 1  Week 8 | **Task 4:** Rehabilitation techniques – effect of smoke water on germination of native plants |
| 4% | Semester 1  Week 9 | **Task 5:** Fossil identification |
| 6% | Semester 2  Week 5 | **Task 7:** Effects of carbon dioxide on temperature change |
| 6% | Semester 2  Week 12 | **Task 10:** Design, construct and test a solar oven |
| Extended task | 20% | 10% | Semester 1  Week 6 | **Task 2:** Case study of a mine/resource site or field trip report |
| 10% | Semester 2  Week 11 | **Task 9:** The impact of climate change on a WA biotic resource |
| Test | 35% | 8% | Semester 1  Week 7 | **Task 3:** Exploration methods, mining operations, rehabilitation |
| 9% | Semester 1  Week 15 | **Task 6:** Fossils, fossil fuels, WA resources industry |
| 9% | Semester 2  Week 8 | **Task 8:** Natural hazards, La Niña, El Niño, greenhouse effect |
| 9% | Semester 2  Week 15 | **Task 11:** Climate change, renewable energy |
| Externally  set task | 15% | 15% | Semester 1  Week 12–13 | **Externally set task**  A written task or item or set of items of one hour duration developed by the School Curriculum and Standards Authority based on the content from Unit 3 and administered by the school. |
| **Total** | **100%** | **100%** |  |  |