**Sample Assessment Outline**

Earth and Environmental Science

General Year 11

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# Sample assessment outline

# Earth and Environmental Science – 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** |
| Investigation | 40% | 6% | Semester 1  Week 7 | **Task 3:** Investigating the properties of minerals |
| 10% | Semester 1  Week 12 | **Task 4:** Field trip report: Sedimentary rock formations (e.g. Cottesloe limestones, see *A Field Guide to Perth and* *Surrounds*, by J. A. Bunting and ESWA) |
| 8% | Semester 1  Week 14 | **Task 5:** Investigation of soil wettability |
| 10% | Semester 2  Week 5 | **Task 7:** Field investigation of an ecosystem |
| 6% | Semester 2  Week 10 | **Task 10:** Investigation of the properties of water – turbidity, nitrates, phosphates, pH, dissolved oxygen |
| Extended task | 20% | 8% | Semester 1  Week 5 | **Task 1:** Construct a seismograph |
| 12% | Semester 2  Week 6 | **Task 8:** Presentation on a WA biodiversity hotspot. Research an area in WA and present as an oral presentation or multimedia presentation |
| Test | 40% | 10% | Semester 1  Week 6 | **Task 2:** Test on Earth’s structure, plate tectonics, earthquakes, volcanoes |
| 10% | Semester 1  Week 16 | **Task 6:** Test on minerals, rocks, formation of sedimentary rocks, soils |
| 10% | Semester 2  Week 7 | **Task 9:** Test on requirements of ecosystems, sustainable ecosystems |
| 10% | Semester 2  Week 16 | **Task 11:** Test on biogeochemical cycles, water cycle, water resources, land use |
| **Total** | **100%** | **100%** |  |  |