**Sample Assessment Outline**

Earth and Environmental Science

ATAR Year 11

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Sample assessment outline

Earth and Environmental Science – ATAR Year 11

Unit 1 and Unit 2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Assessment type**  | **Assessment type weighting**  | **Assessment** **task** **weighting** | **Time** | **Assessment task** |
| **Investigation** | **30%** | 5% | Semester 1Week 5 | Task 1: Investigation of soil properties, e.g. pH, wettability, components, salinity |
| 10% | Semester 1Week 8 | Task 3: Field investigation of an area with sedimentary rocks and processes |
| 5% | Semester 2Week 3 | Task 7: Practical identification of igneous rocks and their mode of formation |
| 10% | Semester 2Week 13 | Task 10: Case study – Effect of human activities on an ecosystem |
| **Extended task** | 10% | 5% | Semester 1Week 12 | Task 4: Research past environments through fossil evidence, e.g. BIFs, Ediacara fauna, paleoecology, microbiology |
| 5% | Semester 2 Week 10 | Task 9: Research use of satellite data to monitor or manage biomass production |
| **Test** | **20%** | 5% | Semester 1 Week 7 | **Task 2:** Test on the geosphere |
| 5% | Semester 1 Week 14 | Task 5: Test on atmosphere, hydrosphere and biosphere |
| 5% | Semester 2Week 5 | **Task 8:** Test on Earth processes and atmospheric processes |
| 5% | Semester 2Week 14 | **Task 11:** Test on ocean processes, energy transfer and biogeochemical processes |
| Examination | 40% | 15% | Semester 1 Week 16 | Task 6: Semester 1 examinationbased on Unit 1 content |
| 25% | Semester 2 Week 16 | Task 12: Semester 2 examinationbased on Unit 1 and Unit 2 content |
| Total | 100% | 100% |  |  |