**Sample Assessment Outline**

Marine and Maritime Studies

ATAR Year 12

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# Sample assessment outline

# Marine and Maritime Studies – ATAR Year 12

## Unit 3 and Unit 4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Assessment type**  | **Assessment type weighting**  | **Assessment** **task** **weighting** | **When** | **Assessment task** |
| Science inquiry/ Scientific skills/ Investigation | 10% | 5% | Semester 1Week 6 | **Task 1:** Identifying phytoplankton and zooplankton in marine ecosystems – students collect water samples from a number of locations and measure some of their abiotic factors and identify planktons in the water samples |
| 2.5% | Semester 2Week 9 | **Task 10:** Boyle’s Law – students investigate the relationship between the pressure and volume of a gas |
| 2.5% | Semester 2Week 12 | **Task 12:** Corrosion of iron – students investigate factors affecting the corrosion of iron |
| Practical | 10% | 5% | Semester 1Week 10 | **Task 2:** Snorkelling skills assessment – students are assessed on their snorkelling skills, including equipment fitting skills, safety checks, water entry techniques and in-water snorkelling skills |
| 5% | Semester 2 Week 6 | **Task 7:** Coastal engineering structures – students examine the effects of coastal engineering structures (model using wave tank) |
| Extended response | 10% | 5% | Semester 1Week 12 | **Task 4:** Marine pollution – discharge of treated sewage water to the ocean – students research the discharge of treated sewage water to the ocean and answer a set of in-class validation questions |
| 5% | Semester 2Week 7 | **Task 8:** The impact of climate change – students research the impact of change on a WA marine habitat |
| Test | 25% | 5% | Semester 1Week 11 | **Task 3:** Oceanography test (Unit 3) |
| 5% | Semester 2Week 4 | **Task 6:** Environmental and resource management test |
| 5% | Semester 2Week 7 | **Task 9:** Oceanography test (Unit 4) |
| 5% | Semester 2Week 10 | **Task 11:** Snorkelling theory test |
| 5% | Semester 2Week 14 | **Task 13:** Maritime history and archaeology test |
| Examination | 45% | 20% | Examinationweek | **Task 5: Semester 1 examination**  |
| 25% | Examinationweek | **Task 14: Semester 2 examination**  |
| **Total** | **100%** | **100%** |  |  |