Sample Assessment Outline

Mathematics Essential

General Year 12

**Acknowledgement of Country**

Kaya. The School Curriculum and Standards Authority (the Authority) acknowledges that our offices are on Whadjuk Noongar boodjar and that we deliver our services on the country of many traditional custodians and language groups throughout Western Australia. The Authority acknowledges the traditional custodians throughout Western Australia and their continuing connection to land, waters and community. We offer our respect to Elders past and present.

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Sample assessment outline

Mathematics Essential – General Year 12

Unit 3 and Unit 4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Assessment type (from syllabus)** | **Assessment type weighting (from syllabus)** | **Assessment taskweighting** | **When** | **Assessment task** |
| **Response** | 40% | 8% | Semester 1Week 8 | **Task 2:** Test 1 – Linear and area measure, volume and capacity, scale, plans, Pythagoras’ theorem and trigonometry: 3.1.1–3.1.7, 3.2.1–3.2.16 |
| 8% | Semester 1Week 15 | **Task 5:** Test 2 – Graphs, linear functions, sampling, bivariate data: 3.3.1–3.3.10, 3.4.1–3.4.19 |
| 12% | Semester 2Week 6 | **Task 7:** Test 3 – Probability, relative frequency, sample spaces, predicting proportions and number of outcomes: 4.1.1–4.1.11 |
| 12% | Semester 2Week 15 | **Task 9:** Test 4 – Problem solving involving distance between places on earth and time zones and compound loans and investments: 4.2.1–4.2.9, 4.3.1–4.3.8 |
| **Practical applications/ Statistical investigation process** | 45% | 10% | Semester 1Week 7 | Task 1: Practical application 1 – Car park design: Use the mathematical thinking process and select content from 3.1.1–3.1.3, 3.2.4 – 3.2.8 to complete the task |
| 10% | Semester 1Week 14 | **Task 4:** Statistical investigation 1 – Use the statistical investigation process and select content from 3.4.3–3.4.19 to determine the relationship between two variables |
| 12% | Semester 2Week 5 | **Task 6:** Statistical investigation 2 – Use the statistical investigation process and select content from 4.1.1– 4.1.11 to determine the outcome of an event  |
| 13% | Semester 2Week 14 | **Task 8:** Practical application 2 – Investment/loans project:Use the mathematical thinking process and select content from 4.3.1–4.3.8 to complete the task |
| **Externally set task** | 15% | 15% | Semester 1Week 12 | **Task 3:** A task set by the Authority based on the following content from Unit 3 – <teacher to insert information provided by the Authority> |
| **Total** | **100%** | **100%** |  |  |