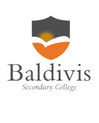
****Baldivis Secondary College

**Mathematics Essential - Units 3 and 4 2021**

**Assessment Outline**

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| Term | Task No. |  | Task  Weight | Time |
| Practical Applications/ Investigations  45% | 1 | Practical Application 1 – Measurement (Linear and area measure, surface area, volume and capacity).   * *Applies mathematical thinking process: 3.1.1-3.1.7* | 7% | Term 1  Week 4 |
| 3 | Practical Application 2 – In class: Scales, plans and models (interpret and create scale drawings), Right-angled triangle (Trigonometry and Pythagoras)   * *Applies mathematical thinking process: 3.2.1-3.2.11, 3.2.12-3.2.16* | 7% | Term 1  Week 9 |
| 6 | Statistical Investigation 1 -Bivariate data (analysing and interpreting tables and scatterplots)   * *Applies statistical investigation process: 3.4.12-3.4.19* | 7% | Term 2 Week 8 |
| 7 | Statistical Investigation 2 - Probability simulations (identify real-life situations where probability is used for decision making)   * *Applies statistical investigation process: 4.1.1-4.1.11* | 12% | Term 2  Week 10 |
| 8 | Practical Application 3 – Loans and Compound Interest (calculate and compare the growth of simple interest and compound interest)   * *Applies mathematical thinking process: 4.3.1-4.3.8* | 12% | Term 3  Week 5 |
| Response  40% | 2 | Test 1 – Measurement (Linear and area measure, surface area, volume and capacity), Right-angled triangle (Trigonometry and Pythagoras)   * *Applies mathematical thinking process: 3.1.1-3.1.7, 3.2.12-3.2.16* | 10% | Term 1  Week 6 |
| 5 | Test 2 – Census, Surveys, Three Dimensional Objects and Graphs in practical situations   * *Applies mathematical thinking process: 3.2.1-3.2.3, 3.3.1-3.3.10, 3.4.1-3.4.11* | 10% | Term 2  Week 5 |
| 9 | Test 3 - Probability (simple probabilities in practical situations), Loans and Compound Interest   * *: Applies mathematical thinking process:4.1.1-4.1.11* | 8% | Term 3  Week 6 |
| 10 | Test 4 – Longitude, Latitude, Distance and Time Zones   * *Applies mathematical thinking process: 4.2.1-4.2.3, 4.2.4-4.2.9,* | 12% | Term 3  Week 10 |
| Externally Set Task- 15% | 4 | **Externally Set Task:** A task set by the SCSA based on from Unit 3. A task set by the SCSA based on the following content from Unit 3: 3.2.1 - 3.2.11 and applies mathematical thinking process | 15% | Term 2 Week 3 |

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