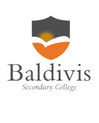
****Baldivis Secondary College

**Mathematics Essential Program & Assessment Outline**

**Units 3 and 4**

**Assessment Outline**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Term | Task No. |  | Task  Weighting | Time | Assessment |
| Practical Applications/ Investigations  45% | 2 | Practical Application 1 -In class Investigation #1 House cost | 9% | Term 1  Week 7 | Kath |
| 4 | Statistical Investigation 1 -Bivariate data; body ratios | 7% | Term 2  Week 2 | Rob/ Anne |
| 7 | Practical Application 2 – In class: Ramps (applications of right angles triangles) | 7% | Term 2  Week 7 | Kath |
| 10 | Statistical Investigation 2 - Probability simulation | 7% | Term 3  Week 1 | Anne |
| 12 | Practical Application 3 – International travel itinerary | 7% | Term 3  Week 7 | Clem |
| 14 | Practical application 4 – Investment/loans comparisons | 8% | Term 3  Week 9-10 | Anne |
| Response  40% | 1 | Test 1 – Measurement #1 Linear and area measure, surface Area | 3% | Term 1  Week 6 | Kath |
| 3 | Test 2- – Measurement #2 - volume and capacity, scale, plans, | 4% | Term 1  Week 9 | Kath |
| 5 | Test 3 - Algebra /linear, Data Collection Scatter Graphs - Graphs, linear functions, sampling, bivariate data, ongoing revision | 8% | Term 2  Week 4 | Clem |
| 8 | Test 4 – Pythagoras - Practical applications of Pythagoras’ Theorem & Trigonometry | 5% | Term 2  Week 8 | Adam |
| 9 | Test 5 -Probability, relative frequency, sample spaces, predicting proportions and number of outcomes. Probability in Practice | 5% | Term 2  Week 10 | Brad |
| 11 | Test 6 – Distance, long & Lat, Time Zones- Problem solving involving distance between places on earth, time zones, compound loans and investments | 7% | Term 3  Week 6 | Rob |
| 13 | Test 7- Interest - Simple and compound interest | 8% | Term 3  Week 8 | Tash |
| Externally Set Task- 15% | 6 | **Task 4:** A task set by the SCSA based on from Unit 3 – | 15% | Term 2 Week 5 | EST |