

**Year 11 Stage 1 General Mathematics**

**Assessment Plan 2023**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term** | **Week** | **Topic** | **Sub Topic** | **Assessment** |
| 1 | 1 | Investing for interest | 1.1 |  |
|  | 2 | Investing for interest | 1.1 |  |
|  | 3 | Investing for interest | 1.1 |  |
|  | 4 | Investing in shares | 1.2 |  |
|  | 5 | Return on investment | 1.3 |  |
|  | 6 | Costs of borrowing | 1.4 | Test – Investment and Borrowing |
|  | 7 | Practicalities of measuring | 2.1 |  |
|  | 8 | Perimeter and area | 2.2 |  |
|  | 9 | Perimeter and area | 2.2 | Investigation - Measurement |
|  | 10 | Volume and surface area | 2.3 |  |
|  | 11 | Volume and surface area | 2.3 | Test - Measurement |
| 2 | 1 | Scale and rates | 2.4 |  |
|  | 2 | Statistical investigation, sampling | 3.1, 3.2 |  |
|  | 3 | Classifying and organising data | 3.3 |  |
|  | 4 | Shape, location and spread | 3.4 |  |
|  | 5 | Testing conjectures | 3.5 | Test - Statistics |
|  | 6 | Exam revision |  |  |
|  | 7 | **Semester 1 exam** |  |  |
|  | 8 | Right triangle geometry | 4.2 |  |
|  | 9 | Right triangle geometry | 4.2 |  |
|  | 10 | Area of triangles | 4.3 |  |
| 3 | 1 | Non-right triangle geometry | 4.4 |  |
|  | 2 | Non-right triangle geometry | 4.4 | Test - Trigonometry |
|  | 3 | Matrices and costing applications | 6.1 |  |
|  | 4 | Matrices and costing applications | 6.1 |  |
|  | 5 | Matrices and costing applications | 6.1 | Test - Matrices |
|  | 6 | Networks | 6.2 | Investigation - Networks |
|  | 7 | Networks | 6.2 |  |
|  | 8 | Networks | 6.2 |  |
|  | 9 | Linear functions and graphs | 5.1 |  |
| 4 | 1 | Linear functions and graphs | 5.1 |  |
|  | 2 | Exponential functions and graphs | 5.2 |  |
|  | 3 | Exponential functions and graphs | 5.2 |  |
|  | 4 | Exponential functions and graphs | 5.2 |  |
|  | 5 | Exponential functions and graphs | 5.2 | Test – Linear & Exponential Functions |
|  | 6 | Exam revision |  |  |
|  | 7 | **Semester 2 exam** |  |  |
|  | 8 | **No school** |  |  |
|  | 9 | **No school** |  |  |  |

**ASSESSMENT**

Assessment in General Mathematics consists of the following components, weighted as shown:

**SCHOOL-BASED ASSESSMENT** (Moderated)

* **Assessment Type 1: Skills and Applications Tasks (65%)**
This will consist of 6 supervised tests (usually at the end of major topics) in which students will be required to solve routine, analytical or interpretative problems and demonstrate a discerning use of technology where necessary.
* **Assessment Type 2 : Folio (35%)**
Students are required to keep a Folio containing at least 1 investigation per semester.

**TOPICS**

* Investing and Borrowing
* Measurement
* Statistical Investigation
* Applications of Trigonometry
* Matrices and Networks
* Linear and Exponential Functions and their Graphs