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Semestral Plan for Sec 3 (Normal Academic) Additional Mathematics 2022

The document captures the curriculum and assessment plan for Sec 3 (Normal Academic) Additional Mathematics for the year.

1 Curriculum Plan

| Tentative Week | Topics to cover |
|--|---|
| Term 1 Week 1 – 4 | Chapter 1 – Quadratic Functions |
| Term 1 Week 5 – 8 | Chapter 2 – Equations and Inequalities |
| Term 1 Week 9 | Chapter 3 – Surds |
| Term 1 Week 9 | Weighted Assessment Revision – Chapter 1 & 2 |
| Term 1 Week 9 | Term 1 Weighted Assessment (WA1) |
| Term 1 Week 10 | WEALTH WEEK |
| 12th to 20th March | March Holidays |
| Term 2 Week 1 | Chapter 3 – Surds |
| Term 2 Week 2 – 6 | Chapter 4 – Polynomials and Partial Fractions |
| Term 2 Week 7 | Chapter 7 – Coordinates Geometry |
| Term 2 Week 8 | Weighted Assessment Revision – Chapter 3 & 4 |
| Term 2 Week 8 | Term 2 Weighted Assessment (WA2) |
| Term 2 Week 9 – 10 | Chapter 7 – Coordinates Geometry |
| 28th May to 26th June | June Holidays |
| Term 3 Week 1 – 2 | Chapter 8 – Circles |
| Term 3 Week 3 – 4 | Trigonometric Functions |
| Term 3 Week 4 – 8 | Chapter 11 – Trigonometric Identities and Equations |
| Term 3 Week 8 | Term 3 Weighted Assessment (WA3) |
| Term 3 Week 9 – 10 | Revision |
| 3rd September to 11th September | September Holidays |
| Term 4 Week 1 | Revision |
| Term 4 Week 2 – 4 | End-of-year Examinations |
| Term 4 Week 5 – 6 | Go through exam papers |
| Term 4 Week 7 – 8 | Secondary 3 Headstart Programme |

Syllabus for GCE O Level Mathematics (Subject code: 4051) can be retrieved from SEAB website: https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/nlevel/2023syllabus/4051_y23_sy.pdf

2 Assessment Plan
Components of Weighted Assessments

- **Weighted Assessments (WA)**
- **End-of-Year Examination (EYE)**

| Semester | Semester 1 | | Semester 2 | |
|-----------------------------------|-------------------|------------------|---------------------|---|
| Term | Term 1 | Term 2 | Term 3 | Term 4 |
| Types of Assessment | WA 1 | WA 2 | WA3 | End-of-Year Examination |
| Weightage | 15% | 15% | 15% | 55% |
| Date | Term 1 Week 9 | Term 2 Week 8 | Term 3 Week 8 | Term 4 Week 3 – 4 |
| Topics Covered (Tentative) | Chapters 1 and 2 | Chapters 3 and 4 | Chapter 7, 8 and 10 | Chapter 1 to 11 Refer to EOY Exam Format |
| Assessment Mode | Written | | | |

- Various modes of formative assessments (quizzes, exit tickets, journal writing, project work, etc) are conducted regularly to assess students' learning progress.

End-of-Year Exam Format

Duration: 1 hour 45 minutes (One Paper)

Total marks: 70 marks

Candidates are required to answer ALL questions on spaces provided

Absence from tests

- (a) Medical certificates must be produced if student is absent for the test.
- (b) Parent's letter is strongly discouraged and its validity will be approved based on a case-by-case basis.
- (c) Absence from any test without a valid reason will result in zero mark for the test.
- (d) Do note that student will have to do a make-up test on the day he/she returns to school.

With this information, we hope all students will better prepare themselves for the heavy academic demands this year.

Do feel free to contact the mathematics teacher, Ms Hannah Ho, should further clarification is needed on this matter.