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Semestral Plan for Sec 1 Normal Academic Mathematics 2022

The document captures the curriculum and assessment plan for Sec 1 Normal Academic Mathematics for the year.

1 Curriculum Plan

| Tentative Week | Topics to cover |
|--|--|
| Term 1 Week 1 | Sec 1 Orientation |
| Term 1 Week 2 – 3 | Chapter 1 – Factors & Multiples |
| Term 1 Week 4 – 6 | Chapter 2 – Real Numbers |
| Term 1 Week 7 | Weighted Assessment 1 |
| Term 1 Week 6 – 7 | Chapter 3 – Approximation & Estimation |
| Term 1 Week 8 – 9 | Chapter 4 – Basic Algebra and Algebraic Manipulation |
| Term 1 Week 10 | Wealth Week |
| 12th to 20th March | MARCH HOLIDAYS |
| Term 2 Week 1 – 3 | Chapter 5 – Simple Equations in One Variable |
| Term 2 Week 4 – 6 | Chapter 6 – Angles, Parallel Lines and Triangles |
| Term 2 Week 7 | Weighted Assessment 2 |
| Term 2 Week 8 – 10 | Chapter 7 – Ratio, Rate and Speed |
| Term 2 Week 10 | Chapter 8 – Percentage |
| 28th May to 26th June | JUNE HOLIDAYS |
| Term 3 Week 1 – 2 | Chapter 8 – Percentage |
| Term 3 Week 3 | Chapter 9 – Sequences and Number Pattern |
| Term 3 Week 4 – 5 | Chapter 10 – Perimeter and Area of Plane Figures |
| Term 3 Week 6 | Weighted Assessment 3 |
| Term 3 Week 6 – 8 | Chapter 11 – Volume and Surface Area of Prisms and Cylinders |
| Term 3 Week 9 – 10 | Chapter 12 – Data Handling |
| 3rd to 11th September | SEPTEMBER HOLIDAYS |
| Term 4 Week 1 – 2 | Revision |
| Term 4 Week 3 – 4 | End-Of-Year Examination |
| Term 4 Week 5 – 7 | Going through EOY Exam papers. Last day of school is 28 th October 2022. |

2 Assessment Plan

Component of Weighted Assessments:

- 3 Weighted Assessments (WA)
- End-of-Year Examination (EOY)

| 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% |
| Tentative Date | Term 1 Week 7 | Term 2 Week 7 | Term 3 Week 6 | Term 4 Week 3 – 4 |
| Topics Covered | • Chapter 1 & 2 | • Chapter 3, 4, 5, 6 & 7 | • Chapter 7, 8, 9 & 10 • With Algebra topics | Refer to EOY Exam Format |
| Assessment Mode | | | | |

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

3 End-of-Year Exam Format

| Exam Components | Weightage | Guidelines |
|-----------------|-----------|---|
| Paper 1 | 50% | <ul style="list-style-type: none"> • All topics (Chapter 1 – 12) • 50 marks • 1 hr 15 min • Structured and short questions • Answer on spaces provided • Calculator is allowed |
| Paper 2 | 50% | <ul style="list-style-type: none"> • All topics (Chapter 1 – 12) • 50 marks • 1 hr 15 min • Structured and long questions • Answer on spaces provided • Calculator is allowed |

4 Absence from Weighted Assessments

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

With this information, we hope all students will better prepare themselves for the academic demands in 2022.

Do feel free to contact the Mathematics teachers should further clarification be needed on this matter.

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1N2 – Mrs Fam-Loh Mei Ting Eugenia
1N3 – Mr Tan Tai Ngah