



### Semestral Plan for Sec 4 Normal (Technical) Mathematics 2022

The document captures the curriculum and assessment plan for Sec 4 Normal (Technical) Mathematics for the year.

#### 1 Curriculum Plan

<b>Tentative Week</b>	<b>Topics to cover</b>
Term 1 Week 1 – 2	Chapter 1: Solving Equations
Term 1 Week 2	Formative Assessment 1
Term 1 Week 3 – 5	Chapter 2: Mensuration
Term 1 Week 6 – 7	Chapter 3: Trigonometry
Term 1 Week 7	Class Test
Term 1 Week 8	Chapter 3: Trigonometry
Term 1 Week 9 – 10	Revision: Problems in Real – World Context
<b>12<sup>th</sup> to 20<sup>th</sup> March</b>	<b>MARCH HOLIDAYS</b>
Term 2 Week 1 – 3	Revision: Arithmetic
Term 2 Week 4 – 6	Revision: Algebra
<b>Term 2 Week 7 – 8</b>	<b>Mid-Year Examination</b>
Term 2 Week 9	Go through examination papers
Term 2 Week 10	Revision: Graph
<b>28<sup>th</sup> May to 26<sup>th</sup> June</b>	<b>JUNE HOLIDAYS</b>
June Holidays Week 1	Revision: Quadratic Graphs
Term 3 Week 1	Formative Assessment 2
Term 3 Week 1 – 2	Revision: Geometry
Term 3 Week 3	Revision: Probability and Statistics
Term 3 Week 4	Revision: Mensuration
<b>Term 3 Week 5 – 6</b>	<b>Preliminary Examination</b>
Term 3 Week 7 – 8	Revision: Mensuration
Term 3 Week 9 – 10	Revision: Trigonometry
<b>3<sup>rd</sup> to 11<sup>th</sup> September</b>	<b>SEPTEMBER HOLIDAYS</b>
<b>Term 4 Week 1</b>	<b>N Level Examination</b>
Term 4 Week 2 – 3	Revision
<b>Term 4 Week 4</b>	<b>N Level Examination</b>

Syllabus for GCE N Level Mathematics Syllabus T (Subject code: 4046) can be retrieved from SEAB website:

[https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/nlevel/2022syllabus/4046\\_y22\\_sy.pdf](https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/nlevel/2022syllabus/4046_y22_sy.pdf)

## 2 Assessment Plan

CA1: Term 1 Class Test

SA1: 30% (Mid-year Exam)

SA2: 70% (Preliminary Exam)

Assessment Components	Tentative Date	Topics covered
Formative Assessment 1	Term 1 Week 2	<ul style="list-style-type: none"><li>Algebra</li><li>Sec 1 to 3 topics given as holiday homework</li></ul>
Class Test 1	Term 1 Week 7	<ul style="list-style-type: none"><li>Sec 1 to 3 topics</li><li>Sec 4: Chapter 1 and 2</li></ul>
Mid-Year Examination	Term 2 Week 7 – 8	<ul style="list-style-type: none"><li>Sec 1 to 4 topics</li></ul>
Preliminary Examination	Term 3 Week 5 – 6	<ul style="list-style-type: none"><li>Sec 1 to 4 topics</li></ul>

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

### Mid-Year Exam and Preliminary Exam Format

Paper	Weightage	Remarks
Paper 1	50%	<ul style="list-style-type: none"><li>There will be 11–13 short questions carrying 2–4 marks, largely free from context, testing more on fundamental concepts and skills, followed by 2 longer questions carrying 6–8 marks, developed around a context. Candidates are required to answer all questions which will cover topics from the following strands<ul style="list-style-type: none"><li>Number and Algebra</li><li>Geometry and Measurement</li><li>Real-World Contexts related to Number and Algebra and Geometry and Measurement</li></ul></li><li>1 hr 30 minutes</li><li>50 marks</li><li>Answer on spaces provided</li></ul>
Paper 2	50%	<ul style="list-style-type: none"><li>There will be 11–13 short questions carrying 2–4 marks, largely free from context, testing more on fundamental concepts and skills, followed by 2 longer questions carrying 6–8 marks, developed around a context. Candidates are required to answer all questions which will cover topics from the following strands<ul style="list-style-type: none"><li>Number and Algebra</li><li>Statistics and Probability</li><li>Real-World Contexts related to Number and Algebra and Statistics and Probability</li></ul></li><li>1 hr 30 minutes</li><li>50 marks</li><li>Answer on spaces provided</li></ul>

### **3 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 assessment.
- 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 be better prepared themselves for the academic demands in 2022.

Do feel free to contact the Mathematics teachers, Ms Michelle Sam or Mrs Eugenia Fam should further clarification is needed on this matter.