



**Guangyang Secondary School**  
8 Bishan Street 12 Singapore 579807  
Tel: 62589781/5 Fax: 63543108 Email: gyss@moe.edu.sg

### Semestral Plan for Sec 2 Normal (Technical) Mathematics 2021

Please be informed of the following semester plan for matters pertaining to Mathematics in 2021.

#### 1 Curriculum Plan

<b>Tentative Week</b>	<b>Topics to cover</b>
Term 1 Week 1 – 3	Chapter 1: Triangles and Quadrilaterals
Term 1 Week 4 – 5	Chapter 2: Linear Algebraic Expressions
Term 1 Week 6	Formative Assessment 1
Term 1 Week 7	Chapter 3: Linear Equations in One Variable
Term 1 Week 8 – 9	Chapter 4: Functions and Graphs
Term 1 Week 10	Chapter 5.1: Direct Proportion
<b>13<sup>th</sup> to 21<sup>st</sup> March</b>	<b>MARCH HOLIDAYS</b>
Term 2 Week 1	Chapter 5.2: Indirect Proportion
Term 2 Week 2	Chapter 7: Mathematics in Practical Situations
Term 2 Week 3	Formative Assessment 2
Term 2 Week 4 – 5	Chapter 6: Rate and Speed
<b>Term 2 Week 7 – 8</b>	<b>Mid-Year Examination</b>
Term 2 Week 9	Go through examination papers
Term 2 Week 9 – 10	Chapter 8: Congruence and Similarity
<b>29<sup>th</sup> May to 27<sup>th</sup> June</b>	<b>JUNE HOLIDAYS</b>
June Holidays Week 1	Remedial (if necessary)
Term 3 Week 1 – 2	Chapter 10: Data Analysis
Term 3 Week 3 – 4	Chapter 11: Probability
Term 3 Week 5	Formative Assessment 3
Term 3 Week 6	Chapter 9: Pythagoras' Theorem
Term 3 Week 7 – 9	Chapter 12: Prisms and Cylinders
Term 3 Week 10	EOY Revision
<b>3<sup>th</sup> to 12<sup>th</sup> September</b>	<b>SEPTEMBER HOLIDAYS</b>
Term 4 Week 1 – 2	EOY Revision
Term 4 Week 3 – 4	End of Year Examinations
Term 4 Week 5 - 6	Go through examination papers
<b>22<sup>th</sup> Oct to 31<sup>st</sup> Dec</b>	<b>NOVEMBER-DECEMBER HOLIDAYS</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/2021syllabus/4046\\_y21\\_sy.pdf](https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/nlevel/2021syllabus/4046_y21_sy.pdf)

## 2 Assessment Plan

Components of weighted assessments:

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	10%	15%	15%	55%
Tentative Timeline	Term 1 Week 6	Term 2 Week 3	Term 3 Week 5	Term 4 Week 3 – 4
Topics Covered	<ul style="list-style-type: none"> <li>• Sec 2: Chapter 1 to 2</li> <li>• Sec 1: Chapter ? to ?</li> <li>• Problems in Real World Context</li> </ul>	<ul style="list-style-type: none"> <li>• Sec 2 Chapter 1 to Chapter 5</li> </ul>	<ul style="list-style-type: none"> <li>• Sec 2 Chapter 6, 7, 8, 10, 11</li> <li>• Problems in Real World Context</li> </ul>	Refer to EOY Exam Format
Assessment Mode	Written			

- 3 weighted assessments (WA)
- End-of-Year (EOY) Examination

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

### Sec 1 topics that are included in weighted assessments:

- Chapter 1: Integers
- Chapter 2: The four operations of integers
- Chapter 3: Fractions
- Chapter 4: Decimals
- Chapter 5: Ratio
- Chapter 6: Percentages

## EOY Exam Format

<b>SA 2 Components</b>	<b>Weightage</b>	<b>Guidelines</b>
Paper 1	50%	<ul style="list-style-type: none"><li>• Topics from Chpt 1 to 12</li><li>• Will include Sec 1 topics from Chpt 1 to 6</li><li>• 1 hr 15 min</li><li>• 40 marks per paper</li></ul>
Paper 2	50%	<ul style="list-style-type: none"><li>• Answer on the spaces provided</li></ul>

### **3 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 respective mathematics teachers should further clarification be needed on this matter.

2T Group 1: ?

2T Group 2: ?