



### Semestral Plan for Sec 5 Normal(Academic) Mathematics 2022

The document captures the curriculum and assessment plan for Sec 5 Normal(Academic) for the year.

#### 1 Curriculum Plan

<b>Tentative Week</b>	<b>Topics to cover</b>
Term 1 Week 1	Chapter 1 – Graphs of Quadratic Functions
Term 1 Week 2 – 3	Chapter 2 – Linear Inequalities
Term 1 Week 4 – 6	Chapter 3 – Conditions of Congruency and Similarity
Term 1 Week 7	Class Test
Term 1 Week 7 – 10	Chapter 4 – Set Language and Notation
<b>12<sup>th</sup> to 20<sup>th</sup> March</b>	<b>MARCH HOLIDAYS</b>
Term 2 Week 1 – 2	Chapter 5 – Matrices
Term 2 Week 3 – 5	Chapter 6 – Vectors in Two Dimensions
Term 2 Week 6	Revision
Term 2 Week 7 – 8	Mid Year Exam
Term 2 Week 9 – 10	Going through Mid Year Exam Papers
<b>28<sup>th</sup> May to 26<sup>th</sup> June</b>	<b>JUNE HOLIDAYS</b>
<b>June Holidays Week 1</b>	June Supplementary: Chapter 6.3 – Chapter 6.4: Position Vectors & Applications of Vectors in Geometry
Term 3 Week 1	Revision for Chapters 4 to 6
Term 3 Week 2	Revision for Topic 1 – Numbers and Algebra
Term 3 Week 3	Revision for Topic 2 – Geometry and Measurement
Term 3 Week 4	Revision for Topic 3 – Probability and Statistics
Term 3 Week 5 – 8	Revision
Term 3 Week 9 – 10	'O' Level Preliminary Exam
<b>3<sup>rd</sup> to 11<sup>th</sup> Sept</b>	<b>SEPTEMBER HOLIDAYS</b>
Term 4 Week 1 – 2	'O' Level Preliminary Exam
Term 4 Week 3 – 4	Going through Preliminary Exam Papers and revision
Term 4 Week 5 onwards	'O' Level Exams

## 2 Assessment Plan

CA1: Term 1 Class Test

SA1: 30% (Mid-Year Examination)

SA2: 70% (Preliminary Examination)

Assessment Components	Tentative Date	Topics covered
Class Test	Term 1 Week 7	<ul style="list-style-type: none"><li>• N Level topics from 2021 Paper 1 and 2</li><li>• Sec 5 Chapter 1 and 2</li></ul>
Mid-Year Examination	Term 2 Week 7 – 8	<ul style="list-style-type: none"><li>• Refer to MYE format</li></ul>
Preliminary Examination	Term 3 Week 9 – Term 4 Week 2	<ul style="list-style-type: none"><li>• Refer to Preliminary Exam format</li></ul>

## 3 Assessment Plan

### Mid-Year Exam Format

Paper	Duration	Weightage	Remarks
Paper 1	2 hours	50%	<ul style="list-style-type: none"><li>• Sec 5 Chapters 1 – 6</li><li>• All Sec 1 – 4 topics</li><li>• 80 marks</li><li>• Answer on spaces provided</li></ul>
Paper 2	2 hours 30 mins	50%	<ul style="list-style-type: none"><li>• Sec 5 Chapters 1 – 6</li><li>• All Sec 1 – 4 topics</li><li>• 100 marks</li><li>• Answer on spaces provided</li><li>• Last question will be on Problem in Real World Context</li></ul>

## Preliminary Exam Format

Paper	Duration	Weightage	Remarks
Paper 1	2 hours	50%	<ul style="list-style-type: none"><li>• All topics</li><li>• 80 marks</li><li>• Answer on spaces provided</li></ul>
Paper 2	2 hours 30 mins	50%	<ul style="list-style-type: none"><li>• All topics</li><li>• 100 marks</li><li>• Answer on spaces provided</li><li>• Last question will be on Problem in Real World Context</li></ul>

### 4 Absence from test

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

Do feel free to contact **Mr Vincent Ho** should further clarification be needed on this matter.