



Semestral Plan for Sec 5 NA Mathematics 2021

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

1 Curriculum Plan

Tentative Week	Topics to cover
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 5	Class Test
Term 1 Week 7 – 10	Chapter 4 – Set Language and Notation
13th to 21st March	MARCH HOLIDAYS
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
31st May to 27th June	JUNE HOLIDAYS
June Holidays Week 1	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 6 – 8	Revision
Term 3 Week 9 – 10	'O' Level Preliminary Exam
4th to 12th Sept	SEPTEMBER HOLIDAYS
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

Syllabus for GCE O Level Mathematics (Subject code: 4048) can be retrieved from SEAB website: https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/olevel/2021syllabus/4048_y21_sy.pdf

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 5	<ul style="list-style-type: none">N Level topics from 2019 Paper 1 and 2Sec 5 Chapter 1 and 2
Mid-Year Examination	Term 2 Week 7 – 8	<ul style="list-style-type: none">Refer to MYE format
Preliminary Examination	Term 3 Week 9 – Term 4 Week 2	<ul style="list-style-type: none">Refer to Preliminary Exam format

3 Assessment Plan

Mid-Year Exam Format

Paper	Duration	Weightage	Remarks
Paper 1	2 hours	50%	<ul style="list-style-type: none">Sec 5 Chapters 1 – 6All Sec 1 – 4 topics80 marksAnswer on spaces provided
Paper 2	2 hours 30 min	50%	<ul style="list-style-type: none">Sec 5 Chapters 1 – 6All Sec 1 – 4 topics100 marksAnswer on spaces providedLast question will be on Problem in Real World Context

Preliminary Exam Format

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

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 2021.

Do feel free to contact **Ms Michelle Sam** should further clarification be needed on this matter.