



**Semester Plan for Sec 5NA Additional Mathematics 2021**

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	<u>Recap on Common Last Topics of 2020:</u> Chapter 18 – Integration Chapter 19 – Applications of Integration – Area of a region
Term 1 Week 2	Chapter 2.4 – Exponential Functions
Term 1 Week 3 – 5	Chapter 7 - Logarithms <b>Class Test (Week 5)</b>
Term 1 Week 6 – 7	Chapter 3.6 – Polynomials and Partial Fractions
Term 1 Week 8	Chapter 4 – The Modulus and Power Functions
Term 1 Week 9	Chapter 4 – The Modulus and Power Functions Chapter 11.3 – Graphs of Trigonometric Functions
Term 1 Week 10	Chapter 8 – Applications of Straight Line Graphs WEALTH WEEK
<b>13<sup>th</sup> to 21<sup>st</sup> March</b>	<b>MARCH HOLIDAYS</b>
Term 2 Week 1	Chapter 17 – Further Differentiation
Term 2 Week 2	Chapter 18 – Applications on Integration
Term 2 Week 3	Chapter 18 – Applications on Integration Chapter 19 – Applications on Integration – Area of a region
Term 2 Week 4	Chapter 20 - Kinematics
Term 2 Week 5	Chapter 10 – Plane Geometry
Term 2 Week 6	Revision
Term 2 Week 7 – 8	<b>Mid-Year Examination</b>
Term 2 Week 9	Going through MYE
Term 2 Week 10	Revision
<b>29<sup>th</sup> May to 27<sup>th</sup> June</b>	<b>JUNE HOLIDAYS</b>
<b>June Holidays Week 1</b>	<b>JUNE SUPPLEMENTARY</b>
Term 3 Week 1 – 8	Revision
Term 3 Week 9 – 10	<b>Preliminary Examination</b>
<b>4<sup>th</sup> to 12<sup>th</sup> September</b>	<b>SEPTEMBER HOLIDAYS</b>
Term 4 Week 1	Going through Prelim Paper
Term 4 Week 2 – 4	Revision

Syllabus for GCE O Level Additional Mathematics Syllabus (Subject code: 4047) can be retrieved from SEAB website [https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/olevel/2021syllabus/4047\\_y21\\_sy.pdf](https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/olevel/2021syllabus/4047_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	Chapter 2 & 7
Mid –Year Examination	Term 2 Week 7 - 8	Chapters 1 – 20
Preliminary Examination	Term 3 Week 9 - 10	Chapters 1 – 20

### Mid-Year and Preliminary Exam Format

SA 1 Components	Weightage	Guidelines
Paper 1	44%	<ul style="list-style-type: none"><li>• 2 hours</li><li>• 80 marks</li><li>• 11–13 questions of varying marks and lengths</li><li>• Answer ALL questions on question papers</li></ul>
Paper 2	56%	<ul style="list-style-type: none"><li>• 2.5 hours</li><li>• 100 marks</li><li>• 9–11 questions of varying marks and lengths</li><li>• Answer ALL questions on question papers</li></ul>

### 3 Absence from tests

- 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 2021.

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

5NA Additional Mathematics: \_\_\_\_\_