



Semestral Plan for Sec 4 Express Additional Mathematics 2022

The document captures the curriculum and assessment plan for Sec 4 Express for the year.

1 Curriculum Plan

Tentative Week	Topics to cover
Term 1 Week 1 – 2	Chapter 11– Trigonometric Functions
Term 1 Week 3	Chapter 9 – Applications of Straight Line Graphs
Term 1 Week 4 – 5	Chapter 12 – Differentiation
Term 1 Week 6 – 7	Chapter 13 – Tangents, Normal and Rates of Change
Term 1 Week 7	Term 1 Class Test
Term 1 Week 8	Chapter 14 – Maxima and Minima
Term 1 Week 9 – 10	Chapter 15 – Differentiation of Trigonometric, Exponential and Logarithmic Functions
Term 1 Week 10	Wealth Week
12 March to 20 March	March Holidays
Term 2 Week 1 – 2	Chapter 15 – Differentiation of Trigonometric, Exponential and Logarithmic Functions
Term 2 Week 3 – 4	Chapter 16 – Integration
Term 3 Week 5 – 6	Revision
Term 2 Week 7 – 8	Mid-Year Examinations
Term 2 Week 9	Go through examination papers
Term 2 Week 10	Mother Tongue Intensive Coaching
28 May to 26 June	June Holidays
June Holidays Week 1	June Supplementary Chapter 16 – Integration Chapter 17 – Applications of Integration
Term 3 Week 1 – 2	Chapter 17 – Applications of Integration Chapter 18 – Kinematics
Term 3 Week 3	Chapter 19 – Plane Geometry
Term 3 Week 4 – 8	Revision
Term 3 Week 9 – 10	Preliminary Examination
3 September to 11 September	September Holidays
Term 4 Week 1	Preliminary Examination
Term 4 Week 2 – 5	Revision
Term 4 Week 6	O Level Examination

2 Assessment Plan

CA1: Term 1 Class Test

SA1: 30% (Mid-Year Exam)

SA2: 70% (Preliminary Exam)

Assessment Components	Tentative Date	Topics covered
Class test	Term 1 Week 7	Chapter 9 to 12
Mid-Year Exam	Term 2 Week 7 - 8	Sec 3 to 4 topics
Preliminary Exam	Term 3 Week 9 - 10	Sec 3 to 4 topics
GCE 'O' Level Exam	From Term 4 Week 6	Sec 3 to 4 topics

Mid-Year and Preliminary Exam Format

Paper	Weightage	Duration	Remarks
Paper 1	50%	2 h 15 min	<ul style="list-style-type: none">• All topics• 2 h 15 min• 90 marks• There will be 12 – 14 questions of varying marks and lengths, up to 10 marks per question.• Spaces will be provided in each question paper for working and answers.
Paper 2	50%	2 h 15 min	<ul style="list-style-type: none">• All topics• 2 h 15 min• 90 marks• There will be 9 – 11 questions of varying marks and lengths, up to 12 marks per question.• Spaces will be provided in each question paper for working and answers.

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.

4E1: Mrs Ling-Seet Soo Huay
4E2: Mdm Mavis Lee
4E3: Ms Michelle Sam