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Semestral Plan for Sec 4 NA Mathematics Syllabus A 2022

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

1 Curriculum Plan

Tentative Week	Topics to cover
Term 1 Week 1	Complete the reminding topic for Chapter 9
Term 1 Week 2 – 5	Chapter 1 – Applications of Trigonometry
Term 1 Week 6 – 8	Chapter 2 – Arc Lengths, Sector Areas and Segment Areas
Term 1 Week 9 – 10	Chapter 3 – Data Analysis – Measures of Spread
13th to 21st Mar	MARCH HOLIDAYS
Term 2 Week 1 – 2	Chapter 3 – Data Analysis – Measures of Spread
Term 2 Week 4 – 5	Chapter 4 – Probability
Term 2 Week 6	Revision
Term 2 Week 7 – 8	Mid-Year Examination
Term 2 Week 9 – 10	Checking of Mid-Year Exam Papers
Tentative Week	Topics to cover
Term 3 Week 1	Chapter 5 – Properties of circles - 5.4 Tangents to a Circle (5.1 to 5.3 completed during June Supplementary)
Term 3 Week 2 – 4	Revision
Term 3 Week 5 – 6	Preliminary Examination
Term 3 Week 7 -8	Go through Preliminary Examination
Term 3 Week 9 – 10	Revision
3rd to 11th Sep	SEPTEMBER HOLIDAYS
Term 4 Week 1-2	N Level Examination (Part 1)
Term 4 Week 3 - 4	Revision
Term 4 Week 5	N Level Examination (Last part)

Assessment Plan

CA1: Term 1 Class Test

SA1: 30% (Mid-Year Examination)

SA2: 70% (Preliminary Examination)

Assessment Components	Tentative Date	Topics covered
Class Test 1	Term 1 Week 7	<ul style="list-style-type: none">• All Sec 1 to 3 topics• Trigonometry
Mid-Year Examination	Term 2 Week 7 – 8	<ul style="list-style-type: none">• All Sec 1 to 3 topics• Sec 4 topics from Chapter 1 to 4
Preliminary Examination	Term 3 Week 5 – 6	<ul style="list-style-type: none">• All Sec 1 to 4 topics
Class Tests	To be advised by respective mathematics teachers and conducted during curriculum time.	<ul style="list-style-type: none">• Topics will be advised by mathematics teachers

Mid-Year and 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• There will be about 25 short answer questions.• Candidates are required to answer all questions.
Paper 2	2 hours	50%	<ul style="list-style-type: none">• All topics• 60 marks• Section A: Answer all questions. The last question in this section will focus specifically on applying mathematics to a real-world scenario.• Section B: Answer one out of the two questions. The questions in Section B will be based on the underlined content and there will be one question from the 'Geometry and Measurement' strand and one from the 'Statistics and Probability' strand. Each question carries the same number of marks, that is, either 7 or 8 marks.• Answer on spaces provided

2 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 mathematics teachers should further clarification is needed on this matter.

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4N Group 2: Mr Daryl Chong
4N Group 3: Mr Chan CK