



Guangyang Secondary School
8 Bishan Street 12 Singapore 579807
Tel: 62589781/5 Fax: 63543108 Email: gyss@moe.edu.sg

Semestral Plan for Sec 3 Normal (Technical) Mathematics 2021

The document captures the curriculum and assessment plan for Sec 3 Normal Technical for the year.

1 Curriculum Plan

Tentative Week	Topics to cover
Term 1 Week 1 – 2	Chapter 1 – Indices and Standard form
Term 1 Week 3 – 5	Chapter 3 – Expansion and Algebraic Fractions
Term 1 Week 6 – 8	Chapter 4 – Factorisation & Formula
Term 1 Week 9	Chapter 2 – Scales and Maps
Term 1 Week 10	Wealth Week
13th to 21st March	MARCH HOLIDAYS
Term 2 Week 1 – 2	Chapter 5 – Arc Lengths and Sector Areas
Term 2 Week 3 – 5	Revision
Term 2 Week 6 – 10	Chapter 6: Graphs of Linear & Quadratic Functions
29th May to 27th June	JUNE HOLIDAYS
Term 3 week 1 – 3	Chapter 7: Simultaneous Linear Equations
Term 3 week 4 – 8	Chapter 8: Data Analysis & Cumulative Frequency
Term 3 week 7	Sec 3 OBS Camp
Term 3 week 9 – 10	Problems in real world context
3rd to 12th Sept	SEPTEMBER HOLIDAYS
Term 4 week 1 – 2	Revision
Term 4 week 3 – 4	End-of-Year Examination
Term 4 week 5 – 6	Going through End-of-Year Exam papers
	Last day of school: 19th Oct 2020

2 Assessment Plan

Component of Weighted Assessments:

- 3 Weighted Assessments (WA)
- End-of-Year Examination (EOY)

Semester	Semester 1		Semester 2	
Term	Term 1	Term 2	Term 3	Term 4
Types of Assessment	WA 1	WA 2	WA3	End-of-Year examination
Weightage	15%	15%	15%	55%
Tentative Week	Term 1 Week 5	Term 2 Week 5	Term 3 Week 4	Term 4 Week 3 - 4
Topics Covered	<ul style="list-style-type: none">• Sec 3 - Chapter 1 & 3• Sec 1 topics• Sec 2 – Chapter 1 & 2	<ul style="list-style-type: none">• Sec 3 - Chapter 1 to 5• Sec 1 topics• Sec 2 – Chapter 1, 2, 10	<ul style="list-style-type: none">• Sec 3 - Chapter 1 to 7• Sec 1 topics• Sec 2 – Chapter 1, 2, 9, 10	Refer to EOY Exam Format
Assessment Mode	Written			

Sec 1 topics that are included in assessments:

- Chapter 1: Integers
- Chapter 2: The four operations of integers
- Chapter 3: Fractions
- Chapter 4: Decimals
- Chapter 5: Ratio
- Chapter 6: Percentages

Sec 2 topics that are included in assessments:

- Chapter 1: Algebraic manipulation
- Chapter 2: Linear equations in one variable
- Chapter 9: Prisms and cylinders
- Chapter 10: Data analysis

End-of-Year Exam Format

Paper	Weightage	Duration	Remarks
Paper One	50%	1hr 15mins	Calculator allowed Selected Sec 1 & 2 topics Sec 3 topics (Chapters 1 – 8) Problems in Real World Context Answer all questions Provided spaces for working and answers
Paper Two	50%	1hr 15mins	

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 academic demands this year.

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

3T Group 1: Ms Michelle Sam

3T Group 2: Mr Neo Jun He