



Semestral Plan for Sec 2 Express Mathematics 2022

The document captures the curriculum and assessment plan for Sec 2 Express for the year.

1 Curriculum Plan

Tentative Week	Topics to cover
Term 1 Week 1	Sec 1 Algebra Revision Sec 1 Chapter 14 – Data Handling (CLT 2021)
Term 1 Week 2 – 3	Chapter 11 – Statistical Diagram [Volume B text book]
Term 1 Week 3 – 4	Chapter 12 – Measures of Central Tendency [Volume B text book]
Term 1 Week 5 – 6	Chapter 1 – Linear Inequality
Term 1 Week 6 – 9	Chapter 2 – Linear Equations in Two Variables
Term 1 Week 9 – 10	Chapter 3 – Expansion and Factorisation of Algebraic Expressions
Term 1 Week 10	WEALTH WEEK
13th to 21st March	MARCH HOLIDAYS
Term 2 Week 1	Chapter 3 – Expansion and Factorisation of Algebraic Expressions
Term 2 Week 2 – 4	Chapter 4 – Algebraic Fractions and Formulae
Term 2 Week 5	Chapter 5 – Quadratic Functions, Graphs and Equations
Term 2 Week 6	Revision
Term 2 Week 7 – 8	Mid-year Examination
Term 2 Week 9 – 10	Going through MYE Chapter 5 – Quadratic Functions, Graphs and Equations
29th May to 27th June	JUNE HOLIDAYS
Term 3 Week 1 – 2	Continue Chapter 5 – Quadratic Functions, Graphs and Equations
Term 3 Week 3 – 4	Chapter 6 – Proportion
Term 3 Week 5	Chapter 7 – Congruence and Similarity
Term 3 Week 6	Sec 3 – Volumes and Areas of Similar Solids
Term 3 Week 7 – 8	Chapter 8 – Pythagoras Theorem
Term 3 Week 9 – 10	Chapter 9 – Trigonometric Ratios
4th to 12th September	SEPTEMBER HOLIDAYS
Term 4 Week 1	Problems in Real World Context
Term 4 Week 1 – 2	Revision
Term 4 Week 3 – 4	End-of-Year Examination
Term 4 Week 5 – 6	Going through EOY Chapter 10 – Volume and Surface Area of Pyramids, Cones and Spheres (not tested in EOY) Chapter 13 – Probability (shift to Sec 4 syllabus)

2 Assessment Plan

Semester	Semester 1			Semester 2	
Term	Term 1	Term 2		Term 3	Term 4
Types of Assessment	Weighted Assessment (WA) 1	WA 2	Mid-Year examination	WA3	End-of-Year examination
Weightage	10%	5%	25%	15%	45%
Tentative Date	Term 1 Week 7	Term 2 Week 3	Term 2 Week 7-8	Term 3 Week 5	Term 4 Week 3-4
Topics Covered	<ul style="list-style-type: none"> • Sec 2 – Chapter 11 & 12 • Sec 1 – Data Handling • Sec 1 Algebra 	<ul style="list-style-type: none"> • Chapter 1, 2, 3 	Refer to MYE Exam Format	<ul style="list-style-type: none"> • Chapter 5 and 6 	Refer to EOY Exam Format
Assessment Mode	Written				

- Various modes of formative assessments (quizzes, exit tickets, journal writing, project work, etc) are conducted regularly to assess students' learning progress.

MYE Exam Format

SA 1 Components	Weightage	Guidelines
Paper 1	50%	<ul style="list-style-type: none"> • All topics (Chpt. 1 to 5, 11 and 12) • Will include some Sec 1 topics • 1 hr 15 min • 50 marks • Answer on spaces provided
Paper 2	50%	<ul style="list-style-type: none"> • All topics (Chpt. 1 to 5, 11 and 12) • Will include some Sec 1 topics • 1 hr 15 min • 50 marks • Answer on writing paper

EOY Exam Format

SA 2 Components	Weightage	Guidelines
Paper 1	50%	<ul style="list-style-type: none"> • All topics (Chpt. 1 to 12, exclude 10) • Will include some Sec 1 topics • 1 hr 15 min • 50 marks • Answer on spaces provided
Paper 2	50%	<ul style="list-style-type: none"> • All topics (Chpt. 1 to 12, exclude 10) • Will include some Sec 1 topics • 1 hr 15 min • 50 marks • Answer on writing paper

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 2022.

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

2E1: Mr Alvis Chin

2E2: Ms Elaine Chan

2E3_ SBB: Ms Elaine Chan

2E4: Ms Joey Tan