



Guangyang Secondary School  
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## Semestral Plan for Sec 1 Express Mathematics 2022

The document captures the curriculum and assessment plan for Sec 1 Express Mathematics for the year.

### 1 Curriculum Plan

<b>Tentative Week</b>	<b>Topics to cover</b>
Term 1 Week 1	Sec 1 Orientation
Term 1 Week 2 – 3	Chapter 1: Factors and Multiples
Term 1 Week 4 – 5	Chapter 2: Real Numbers
Term 1 Week 6 – 7	Chapter 3: Approximation and Estimation
<b>Term 1 Week 7</b>	<b>Weighted Assessment 1 (WA 1)</b>
Term 1 Week 8 – 10	Chapter 4: Basic Algebra and Algebraic Manipulations
Term 1 Week 10	WEALTH Week (7/3 – 11/3)
<b>12<sup>th</sup> to 20<sup>th</sup> March</b>	<b>MARCH HOLIDAYS</b>
Term 2 Week 1 – 3	Chapter 5: Simple Equations in One Variable
Term 2 Week 4 – 6	Chapter 6: Angles and Parallel Lines
Term 2 Week 7 – 9	Chapter 7: Triangles, Quadrilaterals and Other Polygons
<b>Term 2 Week 7</b>	<b>Weighted Assessment 2 (WA 2)</b>
Term 2 Week 10	Mathematical Modelling
<b>28<sup>th</sup> May to 26<sup>th</sup> June</b>	<b>JUNE HOLIDAYS</b>
Term 3 Week 1	Chapter 7: Triangles, Quadrilaterals and Other Polygons
Term 3 Week 2 – 3	Chapter 8: Ratio, Rate and Speed
Term 3 Week 4	Chapter 9: Percentage
Term 3 Week 5 – 6	Chapter 11: Coordinates and Linear Graphs
<b>Term 3 Week 6</b>	<b>Weighted Assessment 3 (WA 3)</b>
Term 3 Week 7 – 8	Chapter 14: Data Handling
Term 2 Week 9	Chapter 12: Perimeters and Areas of Plane Figures
Term 2 Week 9 – 10	Chapter 13: Volume and Surface Area of Prisms and Cylinders
<b>3<sup>rd</sup> to 11<sup>th</sup> September</b>	<b>SEPTEMBER HOLIDAYS</b>
Term 4 Week 1 – 2	Revision
<b>Term 4 Week 3 – 4</b>	<b>End-of-Year Examination</b>
Term 4 Week 5 – 7	Going through EOY Exam Chapter 10: Sequences and Number Patterns  <b>Last day of school: 28<sup>th</sup> October 2022</b>

## 2 Assessment Plan

### Components of Weighted Assessments

- 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 Date	Term 1 Week 7	Term 2 Week 7	Term 3 Week 6	Term 4 Week 3 - 4
Topics Covered	<ul style="list-style-type: none"> <li>• Chapter 1 and 2</li> </ul>	<ul style="list-style-type: none"> <li>• Chapter 3, 4, 5</li> </ul>	<ul style="list-style-type: none"> <li>• Chapter 6 – 9</li> </ul>	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.

### End-of-Year Exam Format

Exam Components	Weightage	Guidelines
Paper 1	50%	<ul style="list-style-type: none"> <li>• Chapter 1 – 9, and 11 – 14</li> <li>• 50 marks</li> <li>• <b>1 hr 15 min</b></li> <li>• Structured and short questions</li> <li>• Answer on spaces provided</li> </ul>
Paper 2	50%	<ul style="list-style-type: none"> <li>• Chapter 1 – 9, 11 – 14</li> <li>• 50 marks</li> <li>• <b>1 hr 15 min</b></li> <li>• Structured and long questions</li> <li>• Answer on spaces provided</li> </ul>

### **3 Absence from Weighted Assessments**

- (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.

1E1	Mr Sunny Chan
1E2 + 1N2 (SBB)	Ms Janelle Tan
1E3 + 1N3 (SBB)	Mdm Lee Chen Hoon
1E4 + 1N1 (SBB)	Mr Sunny Chan