



Guangyang Secondary School
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Semestral Plan for Sec 3 Express Mathematics 2021

The document captures the curriculum and assessment plan for Secondary 3 Express Mathematics for the year 2021.

1 Curriculum Plan

| Tentative Week | Topics to cover |
|-----------------------------|---|
| Term 1 Week 1 – 3 | Chapter 1 – Indices |
| Term 1 Week 4 – 9 | Chapter 2 – More about quadratic equations |
| Term 1 Week 5 | Term 1 Weighted Assessment 1 |
| Term 1 Week 10 | Wealth Week |
| 13 March to 21 March | March Holidays |
| Term 2 Week 1 – 2 | Chapter 3 – Linear Inequalities |
| Term 2 Week 3 – 4 | Chapter 5 – Coordinate Geometry |
| Term 2 Week 5 – 7 | Chapter 6 – Functions and Graphs |
| Term 2 Week 7 | Term 2 Weighted Assessment 2 |
| Term 2 Week 8 – 10 | Chapter 4 – Conditions of Congruence and Similarity Problems in Real World Context |
| | |
| 29 May to 27 June | June Holidays |
| Term 3 Week 1 – 4 | Chapter 7 – Trigonometry |
| Term 3 Week 4 | Term 3 Weighted Assessment 3 |
| Term 3 Week 5 – 6 | Chapter 8 – Applications of Trigonometry |
| Term 3 Week 7 | Sec 3 cohort OBS Camp |
| Term 3 Week 8– 10 | Chapter 9 – Arc Lengths, Sector Areas and Radian Measures |
| 4 Sept to 12 Sept | September Holidays |
| Term 4 Week 1 – 2 | Revision |
| Term 4 Week 3 – 5 | End-of-year Examinations |
| Term 4 Week 5 – 6 | Go through exam papers / Post-exam Activities |
| Term 4 Week 7 – 9 | Secondary 3 Headstart Programme Chapter 10 – Properties of Circles |
| End of Year Holidays | |

2 Assessment Plan

Components of Weighted Assessments

- Weighted Assessments (WA)
- End-of-Year Examination (EYE)

| 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 5 | Term 2 Week 7 | Term 3 Week 6 | Term 4 Week 3 - 4 |
| Topics Covered | <ul style="list-style-type: none"> • Chapter 1, 2 | <ul style="list-style-type: none"> • Chapter 2, 3, 5, 6 | <ul style="list-style-type: none"> • Chapter 4, 7 | Refer to End of Year 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.

3 End-of-year Exam format

| Paper | Weightage | Duration | Remarks |
|---------|-----------|-----------|---|
| Paper 1 | 50% | 1.5 hours | <ul style="list-style-type: none"> • 60 marks • Answer on spaces provided |
| Paper 2 | 50% | 2 hours | <ul style="list-style-type: none"> • 80 marks • The last question in this paper will focus specifically on applying mathematics to a real-world scenario • Answer on spaces provided |

4 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.

| Class | Teacher |
|--------------|--------------------------|
| 3E1 | Mrs Ling-Seet Soo Huay |
| 3E2 | Mrs Lee Chen Hoon Mavis |
| 3E3 | Mrs Yee-Lim Gek Hoon Ivy |
| 3E4 | Mr Vincent Ho |
| 3E5 / 3N | Mrs Yee-Lim Gek Hoon Ivy |