

MATHEMATICS (4046)

NORMAL TECHNICAL

OUTLINE

- Aims
- Scheme of Assessment
- Timeline
- Expectations

MY JOURNEY WITH 4TE5

An opportunity for growth beyond content knowledge

Areas of Growth

- Confidence
- Resilience
- Discipline
- Self-belief
- Articulate

OUTLINE

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AIMS

The N(T)-Level Mathematics Syllabus aims to enable all students who are bound for post-secondary vocational education to:

- acquire mathematical concepts and skills for real life, to support learning in other subjects and to prepare for vocational education
- develop thinking, reasoning, communication, application and metacognitive skills through a mathematical approach to problem-solving
- build confidence in using mathematics and **appreciate its value in making informed decisions in real life.**

SCHEME OF ASSESSMENT

Paper	Duration	Description	Marks	Weighting
Paper 1	1 hour 30 minutes	<ul style="list-style-type: none">• 11–13 short questions carrying 2–4 marks<ul style="list-style-type: none">• test on fundamental concepts and skills• 2 longer questions carrying 6–8 marks,<ul style="list-style-type: none">• developed around a context• Questions will cover topics from the following strands<ul style="list-style-type: none">• Number and Algebra• Geometry and Measurement• Real-World Contexts related to Number and Algebra• Geometry and Measurement	50	50%

SCHEME OF ASSESSMENT

Paper	Duration	Description	Marks	Weighting
Paper 2	1 hour 30 minutes	<ul style="list-style-type: none">• 11–13 short questions carrying 2–4 marks<ul style="list-style-type: none">• test on fundamental concepts and skills• 2 longer questions carrying 6–8 marks,<ul style="list-style-type: none">• developed around a context• Questions will cover topics from the following strands<ul style="list-style-type: none">• Number and Algebra• Statistics and Probability• Real-World Contexts related to Number and Algebra and Statistics and Probability	50	50%

TIMELINE

No	Date	Paper	Subject Name
1	May (week 1 & 2)	1 & 2	Mid-Year Examination
2	July (week 4) August (week 1)	1 & 2	Preliminary Examination
3	October	1 & 2	NT-Level Examination

EXPECTATIONS

Confidence comes from consistent success achieved through repetition

Ten Year Series (TYS)

- Topical Revision - All topics are important
- YYS (Topical) – Mastery of topics from doing topical YYS
- YYS (Yearly) – Familiarity with variety

EXPECTATIONS

If you put in the TIME + EFFORT you will see RESULTS

Conditioning

- To PASS Maths, consistent practice is CRITICAL
- Time is Essence (Topical and Paper revision)
- READING the TYS does not mean they know how to solve the problem

JIEN Admission Booklet 2019

- Google: Jie booklet 2019 → intake exercise – ITEs
- <https://www.ite.edu.sg/admission/ft/JIEN%20Admission%20Booklet%202019.pdf>