

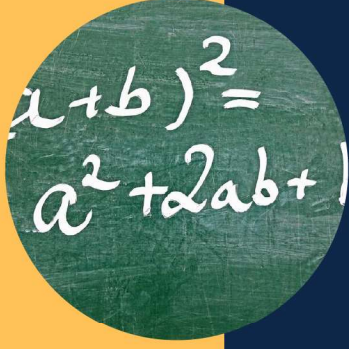
Coffee Shop

MATHEMATICS

by Ms Yeo Puay Joo
HOD Mathematics



Mathematics Syllabus



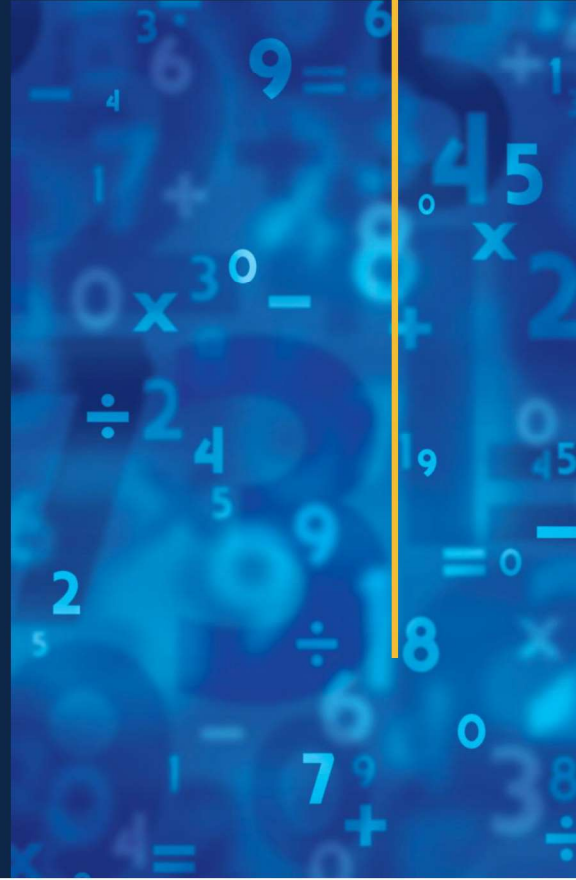
*Numbers &
Algebra*



*Geometry and
Measurement*



*Statistics &
Probability*



VISION

provide opportunity for students to be...

**SEC
1**

**Engaged
Learners**

**Analytical
Problem
Solvers**

**SEC
2**

**SEC
3**

**Collaborative
Contributors**

**Self-
Directed
Leaders**

**SEC
4**

MSS Math Curriculum

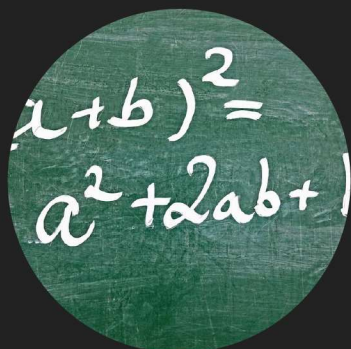
SEC
1

Readiness Engagement Mastery

*Build confidence and foster interest
in Mathematics
while appreciating its value in making
informed decision in real life.*



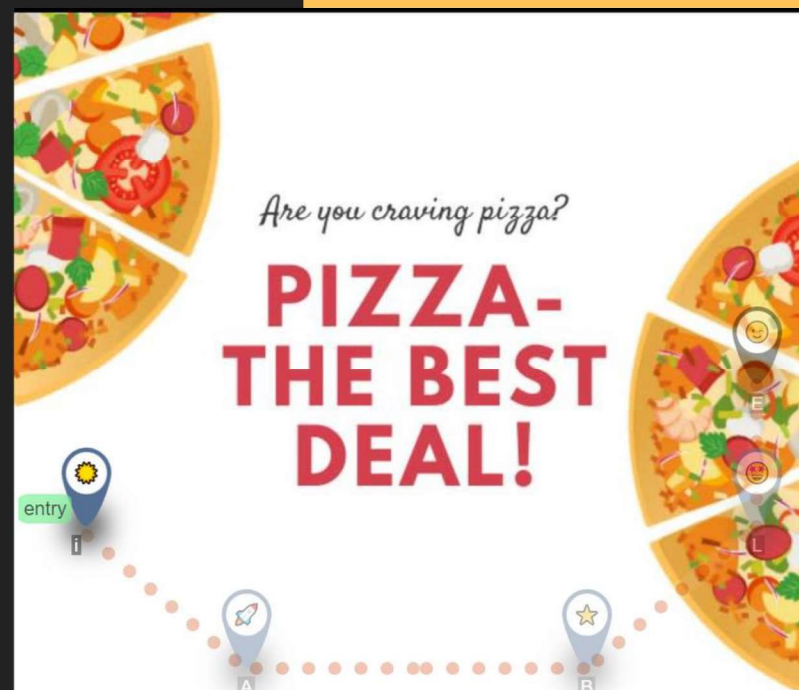
www.reallygreatsite.com
Engaged Learners



iABLE

(integrated Activity-Based Learning Experiences)

"It's a Gamification Learning Activity designed by Marsiling Teachers to expose students to the relevance of Mathematics in real world context."



Teacher-Directed Inquiry Learning

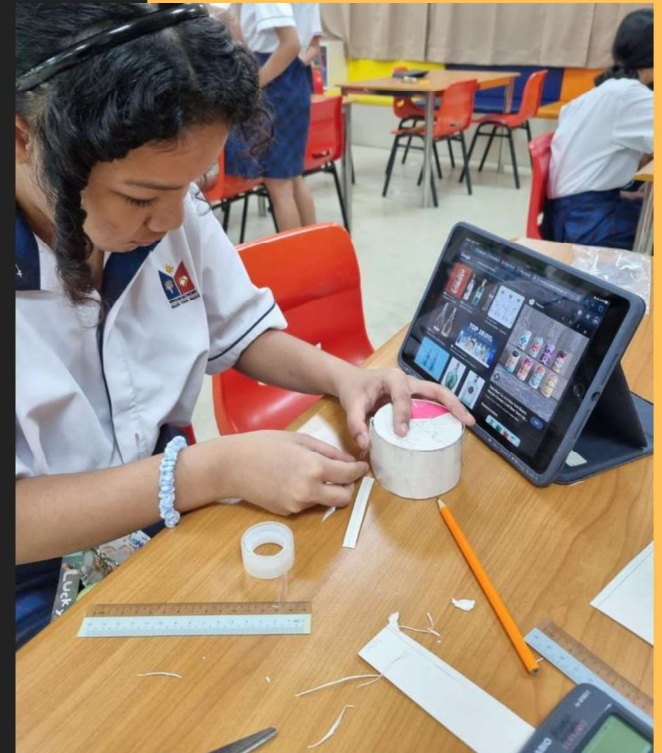
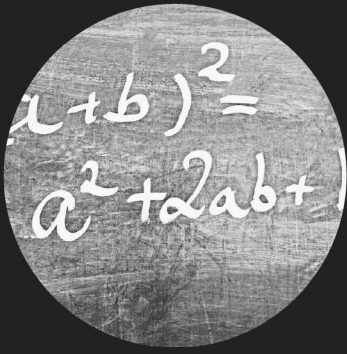
Develop Thinking, Reasoning and Communication skills



www.reallygreatsite.com
**Analytical
Problem Solvers**

MAXSTEM ●●●●●

"Using Inquiry-based learning approach, students are engaged in active learning that involve processes such as questioning, researching, brainstorming, devising a solution and refining their solutions to investigate and solve real-world problems."



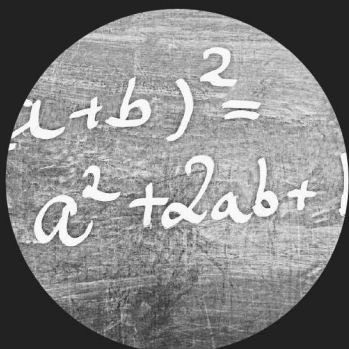
Develop cognitive awareness and strategies

Make connection of ideas within Mathematics and between Mathematics and other subjects through applications of Mathematics



www.realgreatsites.com
**Collaborative
Contributors**



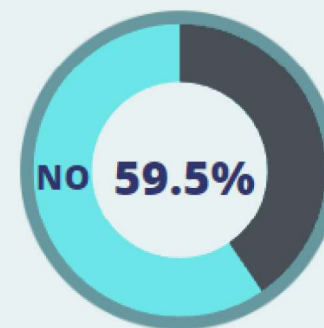


Data Analysis

"Students will go through the whole process of data collection, analysis of data and presentation of statistics report on a current social issue."



Do you think the students were able to balance their time well between studies and other activities?



The survey shows that **59.5%** of the respondents think that the students were **unable** to balance their time well between studies and other activities.

Some of the reasons that they were **UNABLE** to balance their time well

- "They have many **more distractions** at home such as easy access to technology."
 A woman whose age is between 21-30
- "Many students **struggled to cope** with the change in lifestyle."
 A student from tertiary institution
- "They had **no enough time** to complete their school work."
 A student from secondary school

Student-centric Learning

Deepening thinking, reasoning, communication, application and metacognitive skills through a Mathematical approach to problem solving



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**Self-Directed
Leaders**

DTP

(Diagnostic Timed Practice)

"Monthly timed practice to identify individual learning gaps and to provide customized support to help students prepare for national examinations."

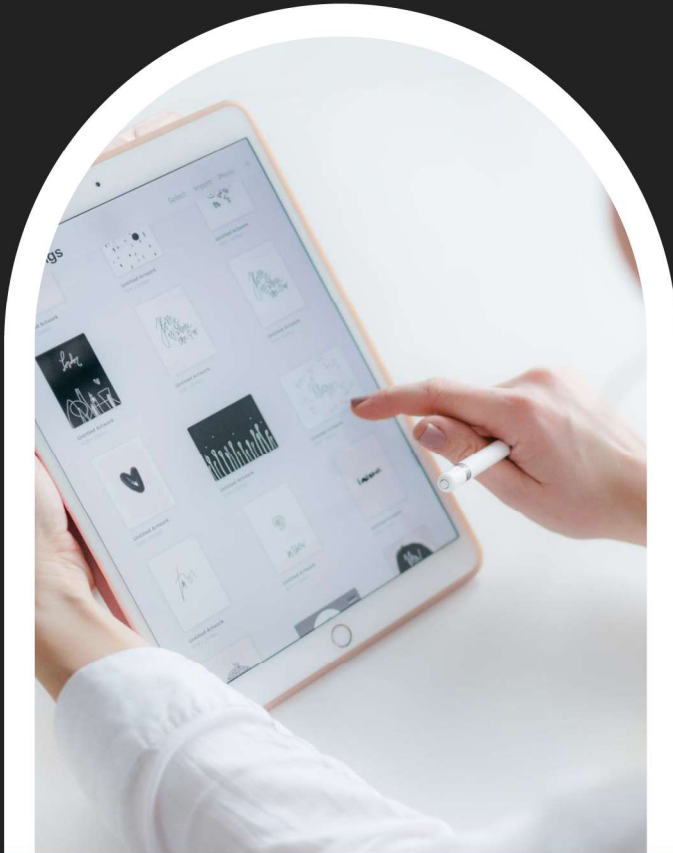


Alignment of SOW

*Similar topics for
G1, G2 and G3 syllabus
in Semester One for all
Secondary 1 students*

Use of iPAD

*All teaching materials
and worksheets will
be issued online via
CLASSKICK*



classkick

Thank You.

