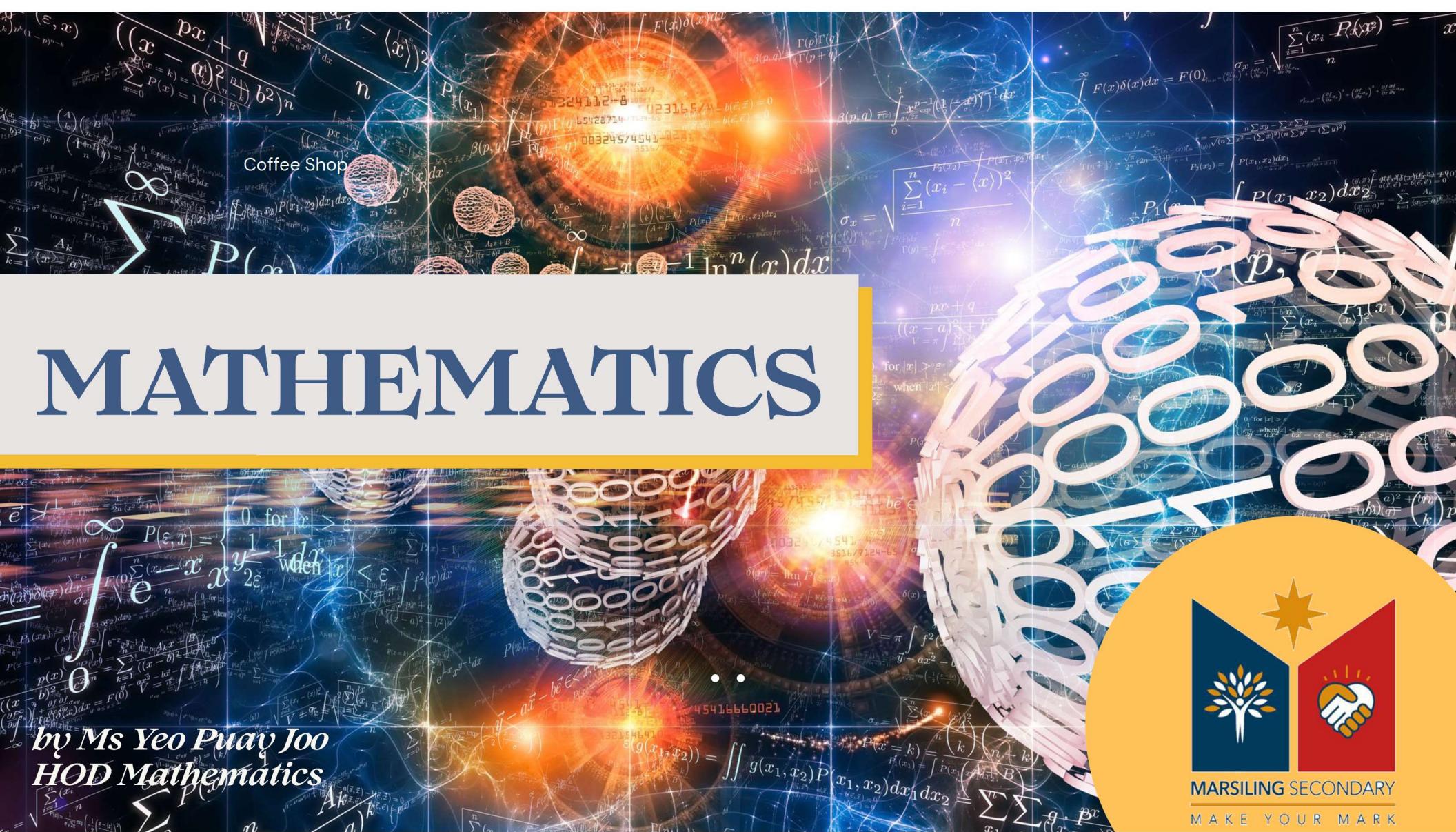
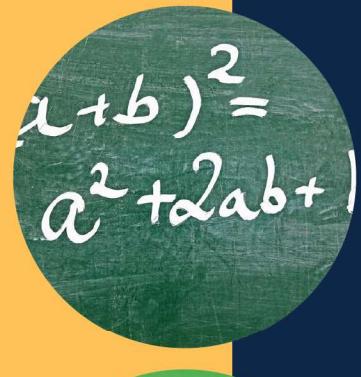


MATHEMATICS



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

Readiness Engagement Mastery

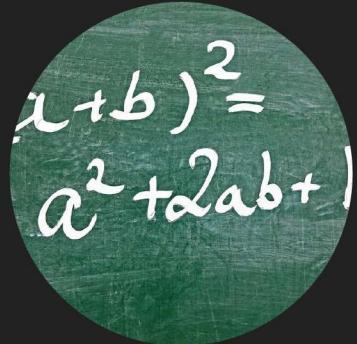
*Build confidence and foster interest
in Mathematics
while appreciating its value in making
informed decision in real life.*



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

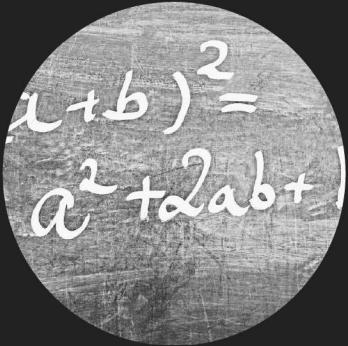
*Develop Thinking, Reasoning
and Communication skills*



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

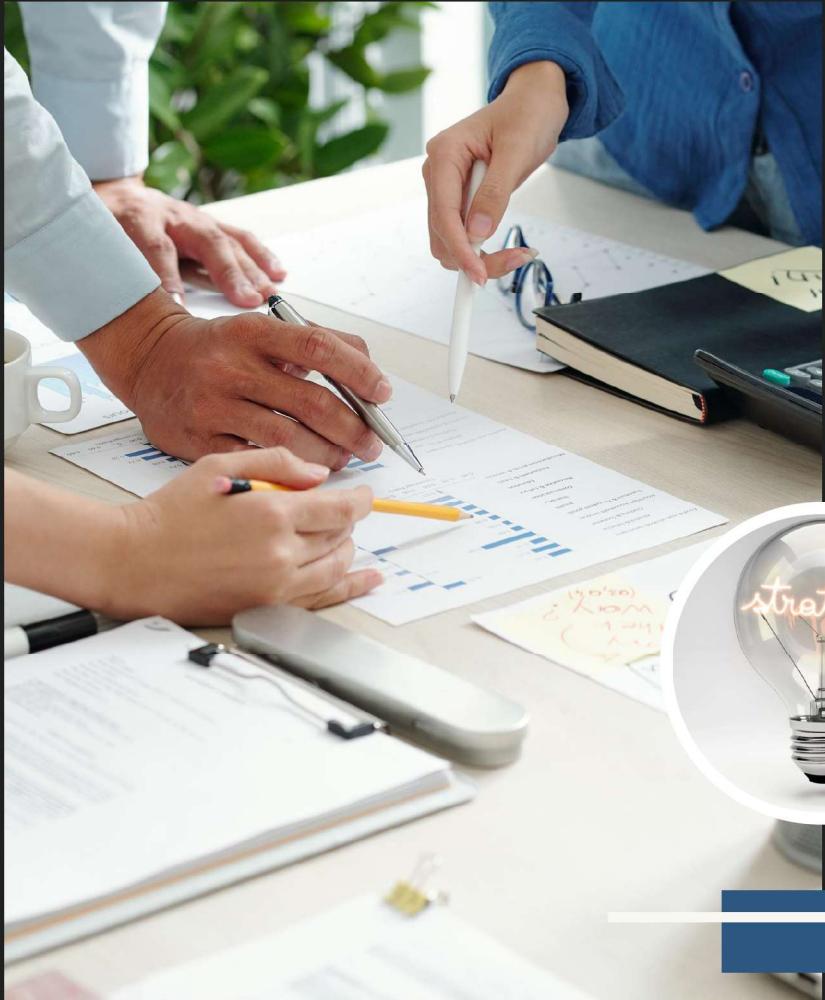
MAXSTEM ••••

"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

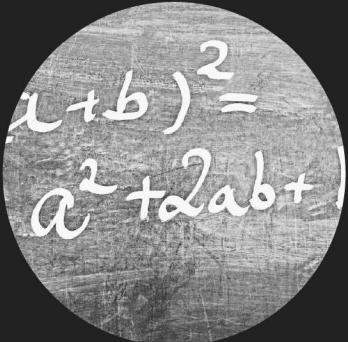
Make connection of ideas within Mathematics and between Mathematics and other subjects through applications of Mathematics



www.reallygreatsites.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

Self-Directed Leaders



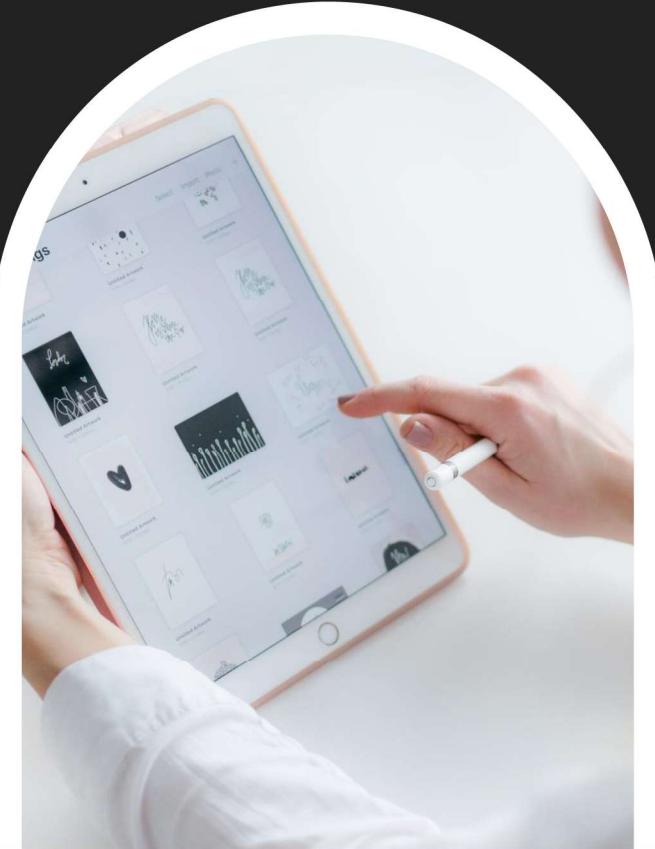
DTP



(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*



Thank You.

