



Primary 4

Mathematics

Mathematics Department

A decorative border at the bottom of the page features a lush green lawn with several white daisies and small blue and yellow flowers. Numerous colorful butterflies, including orange and black monarchs and blue and yellow ones, are scattered across the grass.

A Garden where Scholars Bloom



ASSESSMENT OBJECTIVES

Students should be able to:

❖ **recall** mathematical facts, concepts, rules and formulae; perform straightforward computations.

Example,

What is 300 more than 345?

Source: <http://www.seab.gov.sg>

A Garden where Scholars Bloom



ASSESSMENT OBJECTIVES

Students should be able to:

❖ **interpret** information; **understand** and **apply** mathematical concepts and skills in a variety of contexts.

Example,

A table costs \$120. It cost 5 times as much as a chair. Mrs Tan bought 1 table and 4 chairs. How much did she pay altogether?

Source: <http://www.seab.gov.sg>



A Garden where Scholars Bloom



ASSESSMENT OBJECTIVES

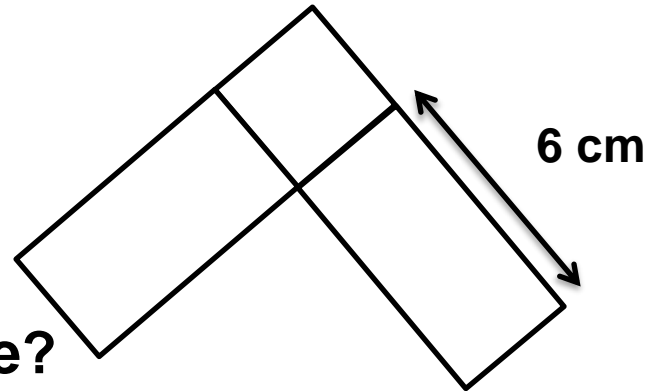
Students should be able to:

- ❖ **reason** mathematically; **analyse** information and **make inferences**; select appropriate strategies to solve problems

Example,

The figure is made up of 2 identical rectangles and a square. The total area of the 2 rectangles is 48 cm^2 .

What is the area of the square?



Source: <http://www.seab.gov.sg>

A Garden where Scholars Bloom



Examination Format

Math Paper
1 h 45 min

Section A

- Multiple Choice Questions
- 40 marks

Section B

- Short Answer Questions
- 40 marks

Section C

- Long Answer Questions
- 20 marks

Source: <http://www.seab.gov.sg>

A Garden where Scholars Bloom



ESSENTIAL TOOL DURING EXAMINATION

MATHEMATICAL SET



A Garden where Scholars Bloom





Intervention and Support

- Remedial class for learners who needs more support
- E2K for learners who perform well.

Assessment and Feedback

- Termly assessment – gather feedback and provide early intervention
- Timed Practice – to familiarise with exam format and questions and to train them for their stamina and time manangement

A Garden where Scholars Bloom





Focus

We want to strengthen the following basic skills in all our students:

- Four operations of whole numbers, fractions and decimals.
- Math facts e.g. multiplication table
- Conversion e.g. kilograms to grams; decimals to fractions
- Using formulas to find area of squares and rectangles

A Garden where Scholars Bloom





Focus

Students who can cope with basic questions, we want to stretch them further in the following:

- Heuristic skills e.g. identifying a pattern
- Problem solving strategies e.g. Quantity x Value
- Reasoning and communication skills e.g. Journal writing

A Garden where Scholars Bloom





P5 Standard vs P5 Foundation

Standard Mathematics

- **continues** the development of the P1-4 syllabus

Foundation Mathematics

- **revisits** some of the important concepts and skills in the P1-4 syllabus.
- The new concepts and skills introduced is a **subset of the Standard Mathematics syllabus.**

A Garden where Scholars Bloom



Demands of P5 exam

Primary 4	Primary 5 Standard	Primary 5 Foundation
Section A – 20 Multiple Choice Question (MCQ) (40 marks)	Booklet A – 15 MCQ (20 marks)	Booklet A -20 MCQ (30 marks)
Section B – 20 Short Answer Question (SAQ) (40 marks)	Booklet B- 15 SAQ (25 marks)	Booklet B -10 SAQ (20 marks)
Section C - 5 Long Answer Question (LAQ) (20 marks)	Paper 2 –17 SAQ and LAQ (55 marks)	Paper 2 - 16 SAQ and LAQ (40 marks)
	<u>New Topics</u> Volume Rate Percentage Ratio Area of Triangle Average	<u>New Topics</u> Volume Rate



Partnership with parents

A Garden where Scholars Bloom



Things to note

- Check for NTUC – Number transfer, units and calculations

BEST

Mathematical Problem Solving Approach



Be Focused

- What am I given?
(underline the characters/objects and values)
- Can I use diagrams or model drawings?
- What am I asked to find?
- How can I make sense of the information?

Explore and Plan

- What strategy should I use?
- Why do I choose this strategy?
- Have I solved a similar problem before?



Solve the Problem

- I will apply the strategy.
- I will write out my steps and number equations.

Think about the Answer

- Have I answered the question?
- Does my answer make sense?
- Have I checked for Number Transfer, Units and Calculations?



A Garden where Scholars Bloom



Things to note

- Check for NTUC – Number transfer, units and calculations

Example,

Weiming has \$**456**. Hafiz has \$234.
How much money do they have altogether?

Number transfer

$$406 + 234 = 636$$

calculation error

Answer: **636**

Missing unit (\$)

BEST
Mathematical Problem Solving Approach



Be Focused

- What am I given?
(underline the characters/objects and values)
- Can I use diagrams or model drawings?
- What am I asked to find?
- How can I make sense of the information?

Explore and Plan

- What strategy should I use?
- Why do I choose this strategy?
- Have I solved a similar problem before?



Solve the Problem

- I will apply the strategy.
- I will write out my steps and number equations.

Think about the Answer

- Have I answered the question?
- Does my answer make sense?
- Have I checked for Number Transfer, Units and Calculations?



A Garden where Scholars Bloom



Partnership with Parent

- ❖ Ensure that your child **completes his homework** daily.
- ❖ Encourage your child to **attempt all questions** in daily assignments . **Embrace mistakes**
- ❖ **Guide** him through by getting him to verbalise his thoughts on how he can approach the question

A Garden where Scholars Bloom



Partnership with Parent

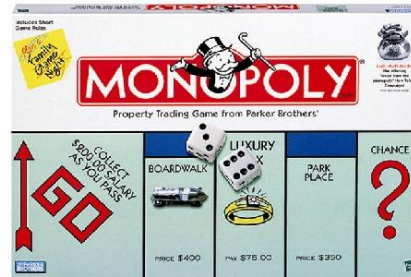
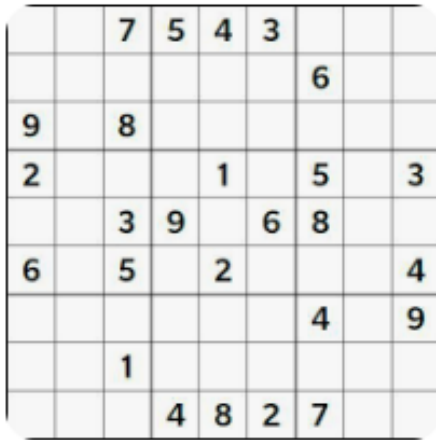
- ❖ **Praise (for effort & resilience), encourage and motivate**
- ❖ **Strategize** – focus on areas of weaknesses to improve, build habit to revise topics regularly
- ❖ **Review mistakes** made. Cover solution and re-attempt the question
- ❖ **Be punctual for exam**



A Garden where Scholars Bloom



Play **mathematical games** and solve mathematical puzzles with your child.



A Garden where Scholars Bloom



Infuse **Math concepts** in daily situations like shopping trips, grocery buying and during meal times at food centres.



VALUE SET MEALS*	
*Set Meal includes 2 soft-boiled eggs, 1 hot 8 Oz. Coffee/ Tea	
	
Set A - Kaya Toast Set (2 slices of Kaya Toast with Butter)	\$4.50
Set B - Butter Sugar Toast (2 slices of Butter Sugar Toast)	\$4.50
Set C - French Toast Set (1 slice of French Toast with Kaya)	\$4.00
Set D - Cheese Toast Set (1 slice of Cheese Toast with Kaya)	\$4.00
Set E - Cheezy French Toast Set (1 slice of Cheezy French Toast with Kaya)	\$4.50
Set F - Kaya Peanut Toast Set (2 slices of Kaya Peanut Toast)	\$4.50

A Garden where Scholars Bloom



Math Website

<http://www.mathplayground.com>



Math Playground

Give your Brain a Workout



Lost and Found!
Find Pathways, Exits, and Buried Treasure



[REPORT AD](#)

Math Games

Logic Games

Math Arcade

Story Math

Math Videos

All Games



Grade 1



Grade 2



Grade 3



Grade 4



Grade 5



Grade 6



TEACHERS!
Click Here

Math Playground for Teachers

ALL-NEW GAME CATEGORIES...

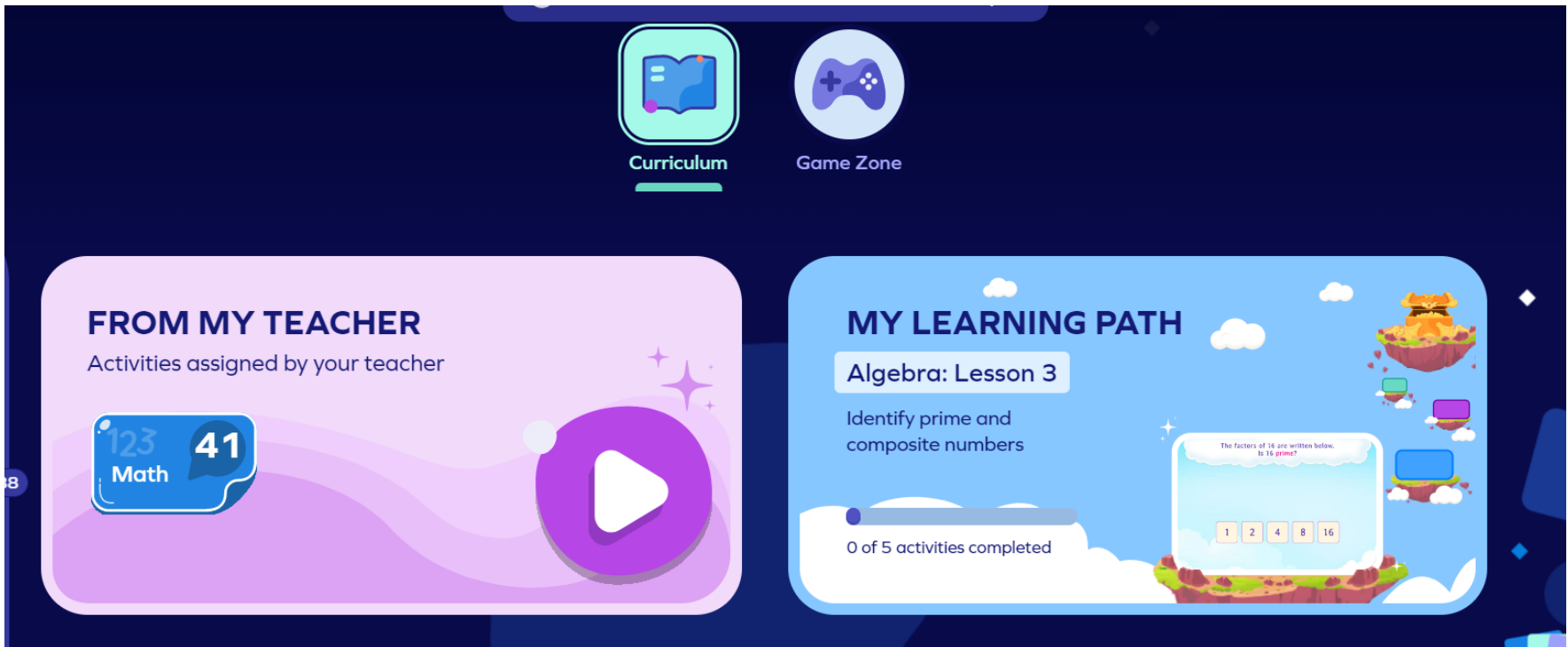
DISCOVER MORE THAN 425 MATH GAMES, LOGIC PUZZLES, AND BRAIN WORKOUTS!

A Garden where Scholars Bloom



Math Website

<http://www.splashlearn.com>



A Garden where Scholars Bloom



**Thank you
so much!**

WishAFriend.com

A Garden where Scholars Bloom

