

New First Grade, Singapore Math, Standards Ed.

Box 1: Class Description

This year-long course covers the first grade math content noted below. Weekly certificated contact will be completed through direct personal contact with an HQ/certificated teacher in an on-site HC class. At least one state standard will be covered in this course.

Box 2: Learning Materials

The curriculum, books, supplies, materials, web-sites, and other sources used for this course are Singapore Primary Math 1A and 1B.
(Make additions as you see fit.)

Box 3: Learning Goals/Performance Objectives

The schedule of month-by-month learning goals below, will likely not be exactly adhered to by the student. The schedule is approximate. Monthly coverage of these goals will vary according to the student's strengths and interests. The clear goal, however, is coverage of all of the goals below, by the end of the school year.

Primary Mathematics Standards Edition Textbook 1A

SEPTEMBER

1. Numbers 0 to 10
 - Counting
2. Number Bonds
 - Making Number Stories

OCTOBER

3. Addition
 - Making Addition Stories
 - Addition with Number Bonds
 - Other Methods of Addition
4. Subtraction
 - Making Subtraction Stories
 - Methods of Subtraction

NOVEMBER

5. Position
 - Position and Direction
 - Ordinal Numbers - Naming Position
6. Numbers to 20
 - Counting and Comparing
 - Addition and Subtraction

DECEMBER

7. Shapes
 - Common Shapes
8. Length
 - Comparing Length
 - Measuring Length

JANUARY

9. Weight
 - Comparing Weight
 - Measuring Weight
10. Capacity
 - Comparing Capacity
 - Measuring Capacity

Primary Mathematics Standards Edition Textbook 2A

FEBRUARY

1. Numbers to 1,000
 - Looking Back
 - Hundreds, Tens and Ones
 - Comparing Numbers

REVIEW 1
2. Addition and Subtraction
 - Meanings of Addition and Subtraction
 - Addition Without Renaming
 - Subtraction Without Renaming

PRACTICE A

 - Addition with Renaming

PRACTICE B

 - Subtraction With Renaming

PRACTICE C
PRACTICE D

REVIEW 2

MARCH

3. Length
 - Measuring Length
 - Measuring Length in Meters
 - Measuring Length in Centimeters
 - Measuring Length in Yards and Feet
 - Measuring Length in Inches

REVIEW 3

APRIL

- 4. Weight
 - Measuring Weight in Kilograms
 - Measuring Weight in Grams
 - Measuring Weight in Pounds and OuncesREVIEW

MAY

- 5. Multiplication and Division
 - Multiplication
PRACTICE A
 - Division
PRACTICE BREVIEW 5

JUNE

- 6. Multiplication Tables of 2 and 3
 - Multiplication Table of 2
 - Multiplication Table of 3
PRACTICE A
 - Dividing by 2
PRACTICE B
 - Dividing by 3
PRACTICE C
PRACTICE DREVIEW 6

Box 4: Learning Activities

Each day the student will complete a math lesson. They will have a new lesson/concept/learning explained, demonstrated/taught. They'll complete practice problems to ensure understanding of content. They will have independent practice/homework over those concepts. They will re-do and correct any which they missed. When review is needed, we'll not learn a new concept but take the time needed to re-teach or reinforce needed concepts.

(Make additions or deletions as you see fit.)

Box 5: Progress Criteria/ Methods of Evaluation

Student monthly progress evaluation is made on the basis of weekly certificated contact, work samples, communications with students, communications with parents, and performance in on-site classes. It is electronically communicated to parents via WINGS. It is our goal that the student will accomplish approximately 10% of the goals of this course each month, September through June. The level of mastery expected is 70% or higher to progress. Methods of evaluation will include but are not limited to those below, under the direction of an HQ teacher:

- * observation and/or correction of daily and/or weekly work and progress
- * daily or weekly discussion of assignments, readings, writings
- * correction of work done incorrectly
- * portfolio kept of student work, at least weekly

(Make additions or deletions as you see fit, to asterisks.)

Box 6: Weekly Hours

Please estimate the number of hours your student will work on this course each week.