

## **New Second Grade, Singapore Math, U. S.**

### **Box 1: Class Description**

This year-long course covers the second 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 2A and 2B.

(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 U.S. Edition 2A**

##### **SEPTEMBER**

1. Numbers to 1000
  - Looking Back
  - Comparing Numbers
  - Hundreds, Tens and Ones

##### **OCTOBER**

2. Addition and Subtraction
  - Meanings of Addition and Subtraction
  - Addition Without Renaming
  - Subtraction Without Renaming
  - Addition With Renaming
  - Subtraction With Renaming

##### **NOVEMBER**

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

##### **DECEMBER**

4. Weigh

- Measuring Weight in Kilograms
- Measuring Weight in Grams
- Measuring Weight in Pounds
- Measuring Weight in Ounces
- REVIEW A (test chapters 1 through 4)

## JANUARY

### 5. Multiplication and Division

- Multiplication
- Division=

### 6. Multiplication Tables of 2 and 3

- Multiplication Table of 2
- Multiplication Table of 3
- Dividing by 2
- Dividing by 3

REVIEW B (test chapters 1 through 6)

REVIEW C (test chapters 1 through 6)

## Primary Mathematics U.S. Edition 2A

## FEBRUARY

### 1. Addition and Subtraction

- Finding the Missing Number
- Methods for Mental Addition
- Methods for Mental Subtraction

### 2. Multiplication and Division

- Multiplying and Dividing by 4
- Multiplying and Dividing by 5
- Multiplying and Dividing by 10
- REVIEW A

## MARCH

### 3. Money (U.S. Currency)

- Dollars and Cents
- Adding Money
- Subtracting Money

### 4. Fractions

- Halves and Quarters
- Writing Fractions
- REVIEW B
- REVIEW C

## APRIL

### 5. Time

- Telling Time

- Time Intervals
- REVIEW D
- 6. Capacity
  - Comparing Capacity
  - Liters
  - Gallons, Quarts, Pints and Cups
  - REVIEW E

## MAY

- 7. Graphs
  - Picture Graphs
  - REVIEW F
  - REVIEW G
- 8. Geometry
  - Flat and Curved Faces
  - Making Shapes
  - REVIEW H

## JUNE

- 9. Area
  - Square Units
  - REVIEW I
  - REVIEW J (extra review exercises on customary measurements)

### **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.