

## **New Second Grade, Singapore Math, Common Core**

### **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 Common Core Edition Textbook 2A**

##### **SEPTEMBER**

1. Numbers to 1,000, Looking Back  
Counting Within 1,000  
Comparing Numbers  
REVIEW 1

##### **OCTOBER**

2. Addition and Subtraction, Looking Back  
Addition Without Renaming  
Subtraction Without Renaming  
Addition With Renaming  
Subtraction With Renaming  
REVIEW 2A  
REVIEW 2B

##### **NOVEMBER**

3. Length, Measuring Length  
Measuring Length in Meters  
Measuring Length in Centimeters  
Other Units of Length  
REVIEW 3

## DECEMBER

4. Multiplication and Division, Multiplication  
Division  
REVIEW 4

## JANUARY

5. Multiplication Tables of 2 and 3, Multiplication Table of 2  
Multiplication Table of 3  
Dividing by 2  
Dividing by 3  
Remainders  
REVIEW 5

## **Primary Mathematics Common Core Edition Textbook 2B**

## FEBRUARY

6. Addition and Subtraction, Finding the Missing Number  
Methods for Mental Addition  
Methods for Mental Subtraction  
REVIEW 6

## MARCH

7. Multiplication and Division, Multiplying and Dividing by 4  
Multiplying and Dividing by 5  
Multiplying and Dividing by 10  
REVIEW 7

## APRIL

8. Money, Dollars and Cents  
Adding Money  
Subtracting Money  
REVIEW 8

## MAY

9. Fractions, Halves, Fourths, and Thirds  
Writing Fractions  
REVIEW 9
10. Time Telling, Time After the Hour  
Telling Time Before the Hour  
REVIEW 10

## JUNE

11. Tables and Graphs, Picture Graphs  
Bar Graphs  
Line Plots  
REVIEW 11

12. Geometry, Flat and Curved Surfaces  
Composite Figures  
Angles and Shapes  
REVIEW 12

**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.**