

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

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

This year-long course covers the third 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 3A and 3B.

(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 3A**

##### **SEPTEMBER**

1. Numbers to 10,000  
Thousands, Hundreds, Tens, and Ones  
Number Patterns  
Rounding Numbers  
REVIEW 1

##### **OCTOBER**

2. Addition and Subtraction  
Mental Calculation  
Looking Back: Addition and Subtraction  
Sum and Difference  
Word Problems  
Adding Ones, Tens, Hundreds, and Thousands  
Subtracting Ones, Tens, Hundreds, and Thousands  
Two-step Word Problems  
REVIEW 2A  
REVIEW 2B

##### **NOVEMBER**

3. Multiplication and Division  
Looking Back  
More Word Problems  
Multiplying Ones, Tens, and Hundreds  
Quotient and Remainder  
Dividing Hundreds, Tens, and Ones  
REVIEW 3

##### **DECEMBER**

4. Multiplication Tables of 6, 7, 8, and 9  
Multiplying and Dividing by 6  
Multiplying and Dividing by 7  
Multiplying and Dividing by 8  
Multiplying and Dividing by 9  
REVIEW 4

#### JANUARY

5. Length  
Meters and Centimeters  
Kilometers  
Other Units of Length  
REVIEW 5

### **Primary Mathematics Common Core Edition Textbook 3B**

#### FEBRUARY

6. Mass and Weight  
Comparing Mass  
Measuring Mass in Kilograms  
Measuring Mass in Grams  
Kilograms and Grams  
More Word Problems  
Measuring Weight in Pounds and Ounces  
REVIEW 6
7. Capacity  
Comparing Capacity  
Liters  
Liters and Milliliters  
Gallons, Quarts, Pints, and Cups  
REVIEW 7

#### MARCH

8. Money  
Dollars and Cents  
Addition  
Subtraction  
REVIEW 8
9. Fractions  
Fractions of a Whole  
Equivalent Fractions  
Fractions and Measurement  
Fraction of a Set  
REVIEW 9

#### APRIL

10. Time  
Hours and Minutes  
Other Units of Time  
REVIEW 10

#### MAY

11. Data Analysis  
Presenting Data  
REVIEW 11
12. Geometry  
Right Angles and Shapes  
REVIEW 12

#### JUNE

13. Area and Perimeter  
Area  
Perimeter  
Area of a Rectangle  
Composite Figures  
REVIEW 13

**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.**