

New Third Grade, Singapore Math, Standards Ed.

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 Standards Edition Textbook 3A

SEPTEMBER

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

OCTOBER

2. Addition and Subtraction
 - Mental Calculation
 - Sum and Difference
 - Estimation
 - Word ProblemsPRACTICE A
 - Adding Ones, Tens, Hundreds and Thousands
 - Subtracting Ones, Tens, Hundreds and ThousandsPRACTICE B
PRACTICE C
 - Two-step Word ProblemsPRACTICE D
REVIEW 2

NOVEMBER

3. Multiplication and Division
 - Looking Back

- More Word Problems
Practice A
Practice B
- Multiplying Ones, Tens, Hundreds and Thousands
Practice C
Practice D
- Quotient and Remainder
- Dividing Hundreds, Tens and Ones
Practice E

REVIEW 3

DECEMBER

4. Multiplication Tables of 6, 7, 8 and 9
 - Multiplying and Dividing by 6
Practice A
 - Multiplying and Dividing by 7
Practice B
Practice C
 - Multiplying and Dividing by 8
Practice D
Practice E
 - Multiplying and Dividing by 9
Practice F
Practice G
 - More Multiplication and Division

REVIEW 4

JANUARY

5. Data Analysis
 - Presenting Data
 - Probability

REVIEW 5

Primary Mathematics Standards Edition Textbook 3B

FEBRUARY

6. Length
 - Meters and Centimeters
 - Kilometers
PRACTICE A
 - Yards, Feet and Inches
PRACTICE B
 - Miles

REVIEW 6

7. Weight
 - Kilograms and Grams

- Word Problems
PRACTICE A
- Pounds and Ounces
REVIEW 7

MARCH

8. Capacity

- Liters and Milliliters
PRACTICE A
- Gallons, Quarts, Pints and Cups
PRACTICE B
REVIEW 8

9. Money

- Dollars and Cents
PRACTICE A
- Addition
- Subtraction
PRACTICE B
- Multiplication and Division
PRACTICE C
REVIEW 9

APRIL

10. Fractions

- Fraction of a Whole
PRACTICE A
- Equivalent Fractions
PRACTICE B
- Adding Fractions
- Subtracting Fractions
PRACTICE C
- Fraction of a Set
- Fractions and Money
PRACTICE D
REVIEW 10

11. Time

- Hours and Minutes
PRACTICE A
- Other Units of Time
PRACTICE B
REVIEW 11

MAY

12. Geometry

- Angles
- Right Angles

- Quadrilaterals and Triangles
 - Solid Figures
- REVIEW 12

JUNE

13. Area, Perimeter and Volume

- Area
- Perimeter
- Volume

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.