

New First Grade, Singapore Math, Common Core

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 Common Core Edition Textbook 1A

SEPTEMBER

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

OCTOBER

3. Addition Within 10, Making Addition Stories
Methods of Addition
REVIEW 3
4. Subtraction Within 10, Making Subtraction Stories
Methods of Subtraction
REVIEW 4

NOVEMBER

5. Ordinal Numbers, Naming Position
REVIEW 5
6. Numbers to 20, Counting and Comparing
Addition and Subtraction
REVIEW 6

DECEMBER

7. Shapes, Common Shapes
REVIEW 7

- 8. Length, Comparing Lengths
Measuring Length
REVIEW 8

JANUARY

- 9. Comparing Numbers, Comparing Numbers
Comparison by Subtraction
REVIEW 9
- 10. Graphs
REVIEW 10

Primary Mathematics Common Core Edition Textbook 1B

FEBRUARY

- 11. Numbers to 40
Counting
Tens and Ones
Comparing Numbers
Addition and Subtraction
Adding Three Numbers
REVIEW 11A
REVIEW 11B
- 12. Multiplication, Adding Equal Groups
Making Multiplication Stories
Multiplication Within 40
REVIEW 12

MARCH

- 13. Division, Sharing and Grouping
REVIEW 13
- 14. Halves and Fourths, Making Halves and Fourths
REVIEW 14

APRIL

- 15. Time, Telling Time
Estimating Time
REVIEW 15
- 16. Numbers to 120
Tens and Ones
Count past 100
Estimation
Order of Numbers
Comparing Numbers
Addition Within 100
Subtraction Within 100
REVIEW 16A
REVIEW 16B

MAY

17. Money, Bills and Coins
Shopping
REVIEW 17

JUNE

18. Review Needed Topics

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.