

NCLS Math Program Teaching Curriculum

Course Title: Singapore Mathematics 2

Course Description: This class requires students finished Singapore Mathematics Book 2A and 2B or equivalent content. It will continue to teach students the concept of number and counting, addition, subtraction, multiplication including multiplication table and division, measuring length and weight. In addition, students will mental calculations, basic geometric concepts, length, capacity, etc.

Course Goals: This approach encourages active thinking process, communication of mathematical ideas and problem solving. This helps to develop the foundation for students who will study in Singapore Math 3rd class in NCLS.

Course Textbook and Practice Book: Singapore Primary Mathematics Textbook 3A/3B US Edition

Singapore Primary Mathematics workbook 3A/3B US Edition

Course Syllabus

<u>Weeks</u>	<u>Teaching Content</u>
Fall semester	
1	Number to 10000
2	Addition up to 10000
3	Subtraction up to 10000
4	Length
5	Weight
6	Review
7	Midterm Test
8	Multiplication
9	Division
10	Multiplication Tables of 6,7,8,9
11	Multiplication Table of 6,7,8,9
12	Money
13	Mental calculation

14	Review
Spring semester	
1	Mental Calculation
2	Length
3	Weight
4	Capacity
5	Graphs
6	Review
7	Midterm Test
8	Fractions
9	Time
10	Geometry
11	Area
12	Perimeter
13	Review
14	Final Test
15	Test review and Class activities

Homework, quiz and tests: Homework will be assigned each week, and there will be two tests (middle term and final term) in each fall and spring semester.