NCLS Math Program Teaching Curriculum

Course Title: Singapore Mathematics 2

Course Description: This class will teach students the concept of number and counting, addition, subtraction, multiplication including multiplication table and division, measuring length and weight. In addition, students will learn basic geometric concepts, length, capacity, etc. Students are provided with the necessary learning experiences beginning with the concrete and pictorial stages, followed by the abstract stage to enable them to learn mathematics meaningfully.

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

Teaching Plan:

Weeks	Teaching Content
Fall semester	
1	**Number to 10000**
2	**Addition**
3	**Subtraction**
4	**Length**
5	**Weight**
6	**Review**
7	**Midterm Test**
8	**Multiplication**
9	**Division**
10	**Multiplication Tables of 2**
11	**Multiplication Table of 3**
12	**Dividing by 2**
13	**Dividing by 3**

14	**Money**
15	**Review**
16	**Final term test**
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.