

NCLS Math Program Teaching Curriculum

Course Title: Singapore Mathematics K Class

Course Description: This class will teach students the concept of number counting to 100, basic addition, subtraction, multiplication and division, length and weight, etc. It is suitable to children of Kindergarten and 1st grade. 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 1st class in NCLS.

Course Textbook and Practice Book: Singapore Primary Mathematics Textbook 1A/1B US Edition

Singapore Primary Mathematics workbook 1A/1B US Edition

Course Syllabus

Teaching Plan:

<u>Weeks</u>	<u>Teaching Content</u>
Fall semester	
1	Numbers 0 - 10
2	Number bonds
3	Addition 1
4	Addition 2
5	Subtraction 1
6	\subtraction 2
7	Ordinal Numbers
8	Review
9	Midterm test
10	Numbers to 20
11	Shapes
12	Length
13	Weight

14	Review
15	Final Test
16	Review after test
Spring semester	
1	Comparing Numbers
2	Graphs
3	Numbers to 40
4	Addition of three numbers
5	Subtraction
6	Multiplication
7	Review
8	Midterm test
9	Division
10	Halves and Quarters
11	Times
12	Numbers to 100
13	Money
14	Review
15	Final test
16	Final 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.