**1st Grade Singapore Math**

**Numbers 0-10**

**Summary:** In this domain, students will learn how to count, read and write within 10. Students will count objects in pictures and develop the association between the physical representation of the number, the number symbol and the number-word. Students will compare numbers, and understand the order of numbers arranged in increasing or decreasing order.

**The Big Idea:** Numerals are used to represent a specific amount of objects.

**Colorado State Standards:**

1.1.1.a. Count, read, and write numbers to 100.

1.1.1.d. Locate numbers up to 100 on a number display.

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| 1.1.1.e. Compare two sets of objects, including pennies, up to at least 25 using language such as "three more or three fewer" | |
| 1.1.3.a. Give and follow simple two-step directions |

**Common Core Standards**:

1.NBT 1. Count to 120, starting at any number less than 120. In this range, read and write numerals

and represent a number of objects with a written numeral.

**Singapore Unit:**

1. Number 0-10
   1. Mental image of digits 0 to 9
   2. Count within 10
   3. Equality and disparity
   4. Compare two numbers within 10
   5. Count from 0 to 10
   6. Count backwards from 10 to 0
   7. Arrange numbers 0 to 10 in order

**Core Knowledge Language Arts:**

I. Listening and Speaking

A. Presentation of Ideas and Information

* Follow multi-step, oral directions.
* Provide simple explanations.

**Previous Unit:** N/A

**Prior Knowledge:** Kindergarten

* Match and Sort
* Numbers to 5
* Numbers to 10
* Comparing numbers

**Next: Unit:** Number bonds

**What Students Will Learn in Future Grades:**

Second Grade

* Review
* Numbers to 1000
* Hundreds, Tens and Ones

**Cross Curricular Links:**

Language Arts

I. Reading

* Reading number words

**Additional Resources:**

For Teachers:

* *Singapore Standard Edition Primary Mathematics Extra Practice,* Tay Choon Mong
* *New Enrichment Mathematics for Primary,* Pan Pacific Publications, Pauline Ong
* *Know Your Maths: Topical Exercises for Primary One*, Tinoh Chan