**Kindergarten Core Knowledge**

**Math**

**Match and Sort**

Summary

*Students will be able to classify objects according to different attributes including function, amount, color, shape and size etc.*

The Big Idea

Objects can be classified and sorted into sets using various attributes. Children can recognize and predict patterns using pictures and objects.

**Colorado State Standards 1st Grade Standards Included in Kindergarten Singapore Math:**

MA. K.4.2 Measurement is used to compare and order objects

MA.K.4.2.b. Classify objects and count the numbers of objects in each category

Singapore Math Unit:

1. Mathematics
   1. Identify objects by color, shape, size, pattern and function
   2. Identify objects that do not belong in a set

Previous Unit:

Not Applicable

Prior Knowledge

Pre-School (playing with shapes and colorful objects, verbal classification of shape and color)

Family life experiences (setting the table, putting clothes away, sorting toys)

Next Unit: Numbers 0-10

What Students will Learn in Future Grades:

**Grade 1**

**\***Define a set by the common property of its elements

\*Indicate which item does not belong in a given set

\*Predict the extension of a pattern

Cross Curricular Links

Reading/Writing:

Sayings: A place for everything and everything in its place

History/Geography:

Sorting animals by continent, comparing Native American tribes by modes of travel, shelter type, food and clothing

Additional Resources

*For Teachers:*

*\*About Teaching Mathematics: A K-8 Resource by Marilyn Burns (Math Solutions Publications, 1992)*

*For Children:*

*\*Is It Larger? Is It Smaller? By Tana Hoban (HarperTrophy, 1997).*