Grade K Overview at a Glance

1 Representing, relating, and operating on whole numbers, initially with sets of objects

2 Describing shapes and space. More learning time in Kindergarten should be devoted to number than to other topics.

3 **Mathematical Practices**

- **Make sense of problems and persevere in solving them.**

- **Reason abstractly and quantitatively.**

- **Construct viable arguments and critique the reasoning of others.**

- **Model with mathematics.**

- **Use appropriate tools strategically.**

- **Attend to precision.**

- **Look for and make use of structure.**

- **Look for and express regularity in repeated reasoning.**

Counting and Cardinality

- ■ Know number names and the count sequence.
- ■ Count to tell the number of objects.
- ■ Compare numbers.

Operations and Algebraic Thinking

- ■ Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

Number and Operations in Base Ten

- ■ Work with numbers 11–19 to gain foundations for place value.

Measurement and Data

- ◉ Describe and compare measurable attributes.
- ▣ Classify objects and count the number of objects in categories.

Geometry

- ◉ Identify and describe shapes.
- ◉ Analyze, compare, create, and compose shapes.

Content Emphasis by Clusters Key
- ■ Major Clusters
- ▣ Supporting Clusters
- ◉ Additional Clusters