

## **Kindergarten Concepts and Student Outcomes**

### [District 102 Priority Standards - Kindergarten](#)

#### **Unit 1: Understanding Numbers 1-10**

*Student Outcomes - In Grade K, children will:*

- Become fluent in saying the count sequence and count out a given number of objects
- Recognize the cardinality of small groups (perceptual subitizing)
- Understand that the last number name said in counting tells the number of objects counted
- Compare by matching
- Act out adding and subtracting situations with objects, their fingers, and math drawings

[Unit 1 Family Letter](#)

[Unit 1 Overview](#)

[Unit 1 Background](#)

#### **Unit 2: 5-Groups in Numbers 6-10**

*Student Outcomes - In Grade K, children will:*

- Use subitizing to see that numbers from 6-10 are composed of a 5-group and more ones
- Order and identify numbers from 1-10 and use the information to create and answer questions about objects
- Understand that a number is 1 greater than the number before it and 1 less than the number after it

[Unit 2 Family Letter](#)

[Unit 2 Overview](#)

[Unit 2 Background](#)

#### **Unit 3: Teen Numbers as tens and ones**

*Student Outcomes - In Grade K, children will:*

- Recognize that a collection of objects is composed of two subcollections and combine their cardinalities to find the cardinality of the collection (conceptual subitizing)
- Identify which of two groups has more than (or fewer than, or the same amount as) the other
- Act out adding and subtracting situations by representing quantities with objects, their fingers, and math drawings
- Compose and decompose numbers from 11 to 19 into ten ones and some further ones (the first step in understanding base-ten notation)
- Classify objects into categories and compare the categories to determine which has more or fewer

[Unit 3 Family Letter](#)

[Unit 3 Overview](#)

[Unit 3 Background](#)

#### **Unit 4: Partners, Problem Drawings, and Tens**

*Student Outcomes - In Grade K, children will:*

- Recognize that a collection of objects is composed of two subcollections and combine their cardinalities to find the cardinality of the collection (conceptual subitizing)
- Identify which of two groups has more than (or fewer than, or the same amount as) the other
- Act out adding and subtracting situations by representing quantities with objects, their fingers, and math drawings
- Compose and decompose numbers from 11-19 into ten and ones and some further ones (the first step in understanding base-ten notation)

[Unit 4 Family Letter](#)

[Unit 4 Overview](#)

[Unit 4 Background](#)

#### **Unit 5: Consolidation of Concepts**

*Student Outcomes - In Grade K, children will:*

- Create and solve story problems and make drawings or write equations to represent problem situations

- Identify all partners of numbers from 2-10 and teen numbers and write addition equations to represent the partners
- Achieve fluency adding and subtracting within 5

[Unit 5 Family Letter](#)

[Unit 5 Overview](#)

[Unit 5 Background](#)