

## **Highland Park Kindergarten Mathematics Curriculum**

**(Standard Title: Number and Operations in Base Ten)**

### **Course Information**

**Course: Kindergarten Mathematics**

**Length Per Day: 45 minutes per day**

**Brief Basic Description:** Math at the Kindergarten level focuses on counting to 100, and writing numbers to 20. Students sort and classify groups of objects, and identify 2D and 3D shapes. Students will gain a strong foundation for place value understanding. Students will be introduced to addition and subtraction.

### **ESSENTIAL UNDERSTANDING:**

***Kindergarten mathematics curriculum is designed to:***

- Correctly use positional words
- Correctly name and describe two dimensional and three dimensional shapes
- Count to 100 by 1's and 10's
- Count objects 1-20
- Compare numbers in groups
- Correctly write numbers 0-20
- Learn about numbers 11-20, with tens and ones
- Understand that addition is putting together and adding groups
- Understand that subtraction is taking apart and taking from groups
- Fluently add up to 5 and subtract from 5
- Sort objects into groups

### **Theme Samples:**

1. Formulate
  2. Analyze
  3. Explain
- Student will compose and decompose numbers 11-19, into one group of ten and some further ones, with 100% accuracy.

**Course Objectives and Expectations:**

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

**Student Objectives-**

- I can count to 19 in correct order.
- I can write my numbers to 19.
- I can make numbers 11-19 using base ten.

**Pacing**

**Montana Common Core Standard**

See Math in Focus Curriculum Guide

**Timeline**

**Approximate length to teach unit**

See Math in Focus Curriculum Guide

**Montana Content Standards-**

**Number and Operations in Base Ten**

**Standard: K.NBT.A.1**

- Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition or decomposition by a drawing or equation (such as  $18=10+8$ ); understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.

**Resources**

- Common Core State Standards
- Every Day Counts Calendar Math
- Singapore Primary Math Strategies
- Dibels Next (Easy CBM)