

Highland Park Kindergarten Mathematics Curriculum

(Standard Title: Measurement and Data)

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. Describe
 2. Compare
 3. Contrast
 4. Evaluate
- Students will describe measurable attributes of objects, such as length or weight, with 100% accuracy.
 - Students can directly compare two objects with measurable attributes in common (length, weight, size), with 100% accuracy.

- Students will classify objects into given categories; count the number of objects (less than or equal to 10), in each category and sort the categories by count, with 100% accuracy.

Course Objectives and Expectations:

- Classify objects and count the number of objects in each category.

Student Objectives-

- I can compare and classify objects by length, weight, and size.

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-
Measurement and Data

Standard: K.MD.A.1

- Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.

Standard: K.MD.A.2

- Directly compare two objects with a measurable attribute in common, to see which object has "more of"/"less of" the attribute, and describe the difference. For example, directly compare the heights of two children and describe one child as taller/shorter.

Standard: K.MD.B.3

- Classify objects into given categories; count the numbers of objects in each category and sort the categories by count. Limit category counts to be less than or equal to 10.

Resources

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