

Unit 13 - Represent and Interpret Data

Content Area: **Mathematics**
Course(s):
Time Period: **May**
Length: **3-4 weeks**
Status: **Published**

Unit Overview

All the lessons in Unit 13 will connect with the theme of My Outdoor Adventures, which centers around favorite outdoor activities of students, such as watching birds and fishing.

Essential Questions

“How do we obtain useful information from a set of data?”

Content

Collect and Record Data

Scaled Picture Graphs

Scaled Bar Graphs

Measurement

Skills

Collect and record data through observations and surveys.

Draw a scaled picture graph.

Draw scaled bar graphs.

Relate bar graphs to scaled picture graphs.

Draw, organize, and analyze data in line plots.

Measure lengths to the nearest half inch and nearest quarter inch.

Collect and display measurement data to fractions of an inch.

Solve problems by solving a simpler problem.

Assessments

Online Readiness Quiz

Vocabulary Check

Concept Check - Check My Progress

Chapter Test

Teacher Observation

Lessons/Learning Scenarios

MyMath Grade 3

Chapter 12: Lessons 1-8

Standards

CCSS.Math.Content.3.OA.A.3	Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.
CCSS.Math.Content.3.MD.B.3	Draw a scaled picture graph and a scaled bar graph to represent a data set with several categories. Solve one- and two-step “how many more” and “how many less” problems using information presented in scaled bar graphs.
CCSS.Math.Content.3.MD.B.4	Generate measurement data by measuring lengths using rulers marked with halves and fourths of an inch. Show the data by making a line plot, where the horizontal scale is marked off in appropriate units—whole numbers, halves, or quarters.

Resources

MyMath Grade 3: McGraw-Hill (2012)

small brown paper bag
connecting cubes

sticky notes

inch ruler
few items less than 12 inches in length

blank piece of paper
red and blue colored pencils

