

Unit 9 - Data Analysis

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

Unit Overview

Unit 9 connects with the theme of Our Bodies Need Healthful Food! Students will analyze and answer questions about data that is given in different graphs, such as tally charts, picture graphs, bar graphs, and line plots. Students will look for trends in the data. Students will also be asked to use data from tally charts to create picture graphs, bar graphs, and line plots.

Essential Questions

“How can I record and analyze data?”

Content

Take a Survey

Make Picture Graphs

Analyze Picture Graphs

Make Bar Graphs

Analyze Bar Graphs

Problem-Solving
Strategy: Make a Table

Make Line Plots

Analyze Line Plots

Skills

Take a survey and organize data using tally marks.

Use data to create picture graphs.

Analyze data on picture graphs.

Make a bar graph to show data.

Draw conclusions and answer questions based on bar graphs.

Make a table to solve problems.

Use data to create line plots.

Analyze the data contained in line plots.

Assessments

Online Readiness Quiz

Vocabulary Check

Concept Check - Check My Progress

Chapter Test

Teacher Observation

Lessons/Learning Scenarios

MyMath Grade 2

Chapter 9: Lessons 1-8

Standards

CCSS.Math.Content.2.MD.D.9	Generate measurement data by measuring lengths of several objects to the nearest whole unit, or by making repeated measurements of the same object. Show the measurements by making a line plot, where the horizontal scale is marked off in whole-number units.
CCSS.Math.Content.2.MD.D.10	Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems using information presented in a bar graph.

Resources

MyMath Grade 2: McGraw-Hill (2012)

- example of a picture graph
- state map

- picture graph
- 1-inch graph paper
- crayons or markers
- number cube