



Common Core Math Newsletter

2nd Grade Unit 1: Measurement and Data

In this unit, students will use tools to measure objects and solve real world problems concerning measurement. In addition, students will represent and interpret data in bar graphs and line plots. Also, students will start ongoing work with money and time.

Standards

2.MD.1

- measure and estimate lengths in standard units
- measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes

2.MD.9

- represent and interpret data
- 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

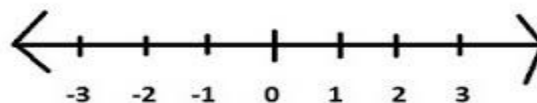
2.MD.10

- represent and interpret data
- 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

Vocabulary

data	facts and statistics collected together for reference or analysis
equal	the same in number or amount
graph	a diagram showing the relationship between variable quantities

number line



scale	graduated range of values forming a standard system for measuring or grading something
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Vocabulary (cont'd.)

line plot

A number line on which each number in a set of data is plotted by making a mark (usually a cross or large dot) above that number on the number line.



MathATube.com

Line Plot

tally chart

a uniform way of showing data using tally marks in a table

Title: How Do We Get to School?		
Categories	Tallies	Total
Walk		7
Bike		3
Car		4
Bus		12

Additional Resources

[IXL.com Topics:](#)

- Data and Graphs
- Measurement

LearnZillion.com Videos:

- <https://learnzillion.com/lessons/3642>
 - Quick Code LZ3642
- <https://learnzillion.com/lessons/3655-create-a-line-plot-using-a-data-set>
 - Quick Code LZ3655
- <https://learnzillion.com/lessons/4262-solve-take-apart-problems-using-information-from-a-picture-graph>
 - Quick Code LZ4262

Be sure to look to the left of the video to see other lessons on the standard.