

Math Module 6:

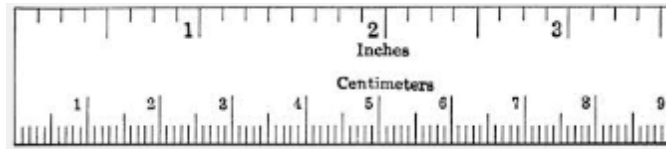
Collecting and Displaying Data

Vocabulary:

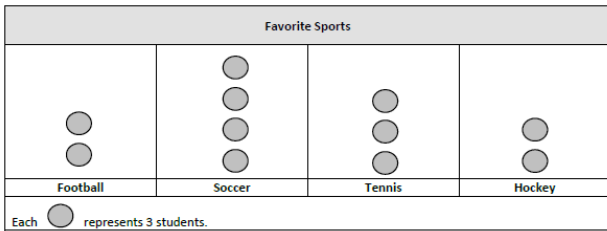
- Frequent (most common measurement on a line plot)
- Key (notation on a graph explaining the value of a unit)
- Measurement data (e.g., length measurements of a collection of pencils)
- Scaled graphs (bar or picture graph in which the scale uses units with a value greater than 1)
- Bar graph (graph generated from categorical data with bars to represent a quantity)
- Data (information)
- Fraction (numerical quantity that is not a whole number, e.g., $\frac{1}{3}$)
- Line plot (display of measurement data on a horizontal line)
- Picture graph (graph generated from categorical data with graphics to represent a quantity)
- Scale (a number line used to indicate the various quantities represented in a bar graph)
- Survey (collecting data by asking a question and recording responses)

Visuals:

Ruler: Students will be expected to measure centimeters, inches, $\frac{1}{4}$ inch, $\frac{1}{2}$ inch, and $\frac{3}{4}$ inches.



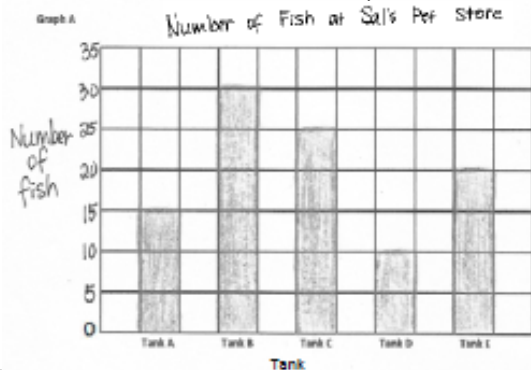
Pictograph



Tally Chart

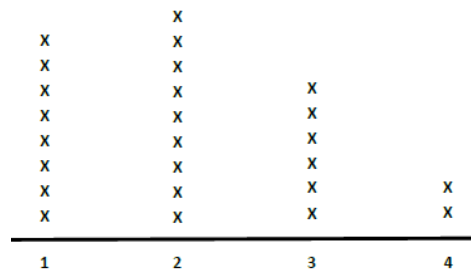
Favorite Pets	Number of Students
Cats	### /
Turtles	////
Fish	//
Dogs	### ///
Lizards	//

Scaled Bar Graph



Line Plot

Number of Children in Third-Grade Families



Number of Children

X = 1 Child