**Topic:** Dot Plots & Stem and Leaf Plots

**What am I learning today?**

**Main Ideas/Questions**
- Dot Plots & Stem and Leaf Plots

**Notes**

**Dot Plot**
- Used for **quantitative** data
- *Only uses the X-axis*
- Label your axis with appropriate units and **scale**.
- Mark a **dot** (or an ‘x’) above the number on the axis corresponding to each data value.
- More than one of the same data values get “stacked” on each other.

**Family Size**
- Times for 100-meter Sprint

**Stem and Leaf Plots**
- Used for **quantitative** data
- Must have a **key**
- Has a vertical line to separate the “**stems**” from the “**leaves**”
- Stems represent everything but the last number (on left)
- Leaves represent the last number **only** (on right)
- ORDER MUST BE FROM least to greatest

**Race Running Times in Seconds**

**Grades on a Science Test**

**Key:** 7 | 2 = 72%
Examples
How to Construct a dotplot and stemplot

The following are the test grades for unit 1.

88, 75, 89, 82, 84, 76, 71, 100, 97, 92, 100, 48, 75, 62, 67, 96, 84

1) Construct a dotplot of the data.

2) Construct a stemplot of the data

Test scores

4 | 8
5 | 27
6 | 1556
7 | 24489
8 | 267
9 | 00

Summary
Summarize the lesson in your own words