

## Grade 7 Unpacked Math Standards – Statistics & Probability

**7.S.1.1.** Students are able to **find** the mean, median, mode, and range of a set of data.

**Webb Level: 1**

**Bloom: Comprehension**

**Verbs Defined:**

**Find:** find/calculate

**Key Terms Defined:**

**Teacher Speak:**

Students are able to find (find/calculate) the mean, median, mode and range of a set of data.

**Student Speak:**

From a list of numbers, I can:

\*calculate (find) the mean.

\*find/calculate the median.

\*find the mode.

\*calculate (find) the range.

**7.S.1.2.** Students are able to **display** data, using frequency tables, line plots, stem-and-leaf plots, and **make predictions** from data displayed in a graph.

**Webb level: 3**

**Bloom: Application**

**Verbs Defined:**

**Display:** represent

**Make predictions:** make predictions

**Key Terms Defined:**

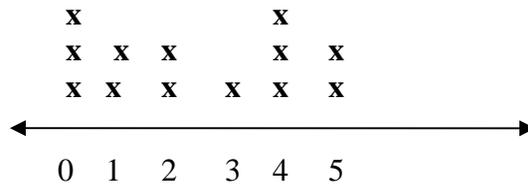
**Frequency tables:** a table that displays the number of times each item or category occurs in a data set

**Stem and Leaf Plot:** an ordered display of data, where the leaf is the last digit to the right and the stem is the remaining digits

Stem    Leaves

0		0	2	4	5
1		0	1	8	9
2					
3		1	4	5	5

**Line Plot:** displays data with x marks above a number line



**Teacher Speak:**

Students are able to display (represent) data, using frequency tables, line plots, stem-and-leaf plots, and make predictions from data displayed in a graph.

**Student Speak:**

I can represent (display) data using:

- \* a table that displays the number of times each item or category occurs in a data set (frequency tables).
- \* x marks above a number line (line plots).
- \* an ordered display of data, where the leaf is the last digit to the right and the stem is the remaining digits (stem-and-leaf plots).

I can make predictions using:

- \* frequency tables.
- \* line plots.
- \* stem-and-leaf plots.

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**7.S.2.1.** Students are able, given a sample space, to **find** the probability of a specific outcome.

**Webb Level: 1**

**Bloom: Comprehension**

**Verbs Defined:**

**Find:** write

**Key Terms Defined:**

**Sample space:** all the possible outcomes

**Specific outcome:** one of the possible events

**Teacher Speak:**

Students are able, given a sample space, to find (write) the probability of a specific outcome.

**Student Speak:**

Given the possible outcomes of an event (sample space), I can write (find) the probability as a decimal, fraction and percent.

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