

## PD 8 Math 7 Week Feb. 3-7 SO REVISED

**Monday** - Finish the studyisland selection handout with focus on box whisker plot and random sampling meaning.

**Tuesday** - Last Page in Packet - Kuta Software generated --- Mean Mode Median Quartiles and IQR started in pairs as reading from graphs such as dot plot, stemleaf, and tables

**Wednesday** - We finished and reviewed the Kuta Software sheet.

**Thursday** - Students completed at least one session off studyisland.com on the statistic objective 1 where 10 questions completed at a 70% level or more.

**Friday** - No class as out for junior high fun day --- .Any student remaining back worked on another session of studyisland.com to increase their previous score as most students completed the task.

# PD 8 Math 7 Week Feb. 10-14 Lesson Overview

Similar to last week as needed to revise last week plan so see next slide for the debriefing of last week

**Monday** - Open with review from missed problems off studyisland.com from last week composed into handout by Mrs. Pletcher. Conduct the book bag lab today and make the box whisker plot.

**Tuesday** - Lumos Learning Book LLB Lesson 3: pg 118-123

- Have students turn in book to begin pg 119 for teacher led # 1-3,11,14-15
- Students work through the lesson problems # 4-17

**Wednesday** - Lumos Learning Book LLB Lesson 4: pg 124-128

teacher led # 1-5 THEN students finish rest

**Thursday & Friday**- Work on the studyisland.com Stats 2 - comparing session individually

# DATA SAMPLING objectives from Math PSSA 7th grade

PA Grade 7, Math Anchor

M07.D-S.1.1.1

Determine whether a sample is a random sample given a real-world situation.

M07.D-S.1.1.2

Use data from a random sample to draw inferences about a population with an unknown characteristic of interest.

*Example 1:* Estimate the mean word length in a book by randomly sampling words from the book.

*Example 2:* Predict the winner of a school election based on randomly sampled survey data.

M07.D-S.2.1.1

Compare two numerical data distributions using measures of center and variability.

*Example 1:* The mean height of players on the basketball team is 10 cm greater than the mean height of players on the soccer team. This difference is equal to approximately twice the variability (mean absolute deviation) on either team. On a line plot, note the difference between the two distributions of heights.

*Example 2:* Decide whether the words in a chapter of a seventh-grade science book are generally longer than the words in a chapter of a fourth-grade science book.

Ac  
Go

- Range, Interquartile Range, DEVIATION
- Various charts/plots
- Box plot create/interpret (min, Q1, median, Q3, max)
- Mean, Mode, Mean