

# PD 8 Math 7 Week Feb. 17-21 Lesson Overview

**Monday** - No class as Teacher Inservice

**Tuesday** - Continue with Lumos Learning Book LLB Lessons: pg 108-112 should be finished, Lesson 2-4 should be completed by the start of class Wednesday. Finish at homework up to pg 128

**Wednesday** - Review Lumos Learning Book LLB Lessons and answers to prepare for test on Thursday.

**Thursday** - **Test on Stats objectives**

**Friday**- Review Test and do another session off the studyisland.com Stats 2 which will hopefully see improvement on - comparing sessions.

# 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.

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