**MATH 7 Week 35 Lesson Plans**

**Monday:    APRIL 29th Ch. 8.1 & 8.3
TSW:** Create line plots and stem & leaf plots given a set of data.
 Make observations about data displayed in line plots and stem and leaf graphs.

**Activity**: Interpret data looking for outliers, clusters, and gaps.
 Front sides of 8.1 & 8.3 Whole groups with teacher.

**Assessment:** Homework (Independent Work)
**Homework: HANDOUT: Back side of 8.1 & 8.3 Handouts from class.**

**Standard:** S2-C1-PO1,3,4,5,6,9 and CCSS 7SP4

**Tuesday: APRIL 30th Ch. 8.4 Bar Graphs & Histograms**

 **TSW:** Display and Analyze Data Using Bar Graphs and Histograms

**Activity:** Interactive Classroom Smartboard CD; Notes: p.415-417; Small group p.418 #1-3 ALL

**Assessment:** HW Results; Observations; Q&A

**HW: Handout 8.4**

**Standard:** S2-C1-PO1,3,4,5,6,9 and CCSS 7.SP.4

**Wednesday: MAY 1st Ch. 8.5, 8.6, & 8.7 Using Data to Predict**

**TSW:** Use graphs, data, and sampling to predict. Learn statistical vocabulary.

**Activity:** Analyze a variety of Line Graphs, Scatter Plots and use the Percent Proportion to make
 predictions about larger populations.

**Assessment:** Observations, Discussions, Q&A
**HW: MID-CHAPTER TEST**

**Standard:** CCSS 7SP1&2

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**Thursday: MAY 2nd Ch. 8.8 & 8.9 Sampling and Misleading Graphs**

**TSW:** Predict the actions of a larger group by using a sample. Recognize when statistics
 and graphs are misleading.

**Activity:** SmartBoard Warm-up; Small group debate about sampling validity;

 analyzing graphs to determine if they are valid or misleading. Using a student generated graph

 from a survey, groups will create a misleading version of the graphed data.

**Assessment: Observations; Q&A: group work.**

**HW: 8.8 / 8.9 Handout**

**Standard:** CCSS 7SP1&2

**Friday: MAY 3rd Half-Day (Shortened Class Schedule )**

**TSW:** Identify specific reasons why a graph is misleading.

**Activity:** Student groups will present a valid graphical representation of data and a misleading
 representation of data to the class. Homework review.

**Assessment:** Observations, Homework results **HW: None**