GLOBAL PARADIGM SCHOOL — KNOWLEDGE & VALUES

These are the lessons covered in the 1st Semester

Chapter 2: ORGANIZING DATA   **Pg. 39 – 70**

Section **2-1: Frequency Distribution, Histograms and Related Topics** - Pg:39 - 49

Class-Limits (Upper-Lower), Class-Width , Class-Boundaries (Upper-Lower), Tally, Frequency, Class-Mid-Point,   Relative Frequency.

Frequency Histogram, Relative Frequency Histogram, O-give Cumulative Frequency Graph, & Distribution shapes**: *Mound-Shaped symmetrical, Uniform or Rectangular, Skewed Left or Skewed Right, Binomial.***

O-give Graphs & description of the Distribution Shapes .

Students were introduced to the Dot Plot.

Section **2-2: Bar Graphs, Circle Graphs and Time Series Graphs** - Pg: 54 - 59

Petro Charts for the past CW.

Section **2-3: Stem and Leaf Displays** - Pg: 63 - 65

Relate Histograms and class boundaries and frequencies to Stem and Leaf Displays.

Relate Distribution shapes : *Mound-Shaped symmetrical, Uniform or Rectangular, Skewed Left or Skewed, Right, Binomial* to Stem and Leaf Displays .

Chapter Summary & Review Problems   **Pg. 71 – 74**

Chapter 3: Averages and Variations   **Pg. 81 – 119**

Section **3-1: Measures of Central Tendencies-Mode, Median and Mean**

Section **3-2: Measures of Variation**

Section **3-3: Percentiles and Box-and-Whisker Plots**

Chapter Summary & Review Problems   **Pg. 120 – 122**

Chapter 4: Correlation and Regression   **Pg. 131 – 165**

Section **4-1: Scatter Diagrams and Linear Correlation**

Section **4-2: Linear Regression and the Coefficient of Determination**

Chapter Summary & Review Problems   **Pg. 166 – 168**

Very Important REMARKS for studying for your SEMESTER-EXAM:

** Please refer to your ***CLASS-NOTES*** and ***BOOK*** when you study.

** Solve the ***REVIEW*** questions and ***CHAPTER-TEST*** after each chapter & the ***CUMULATIVE-REVIEW***.

** Revise ***ALL*** your previous ***TESTS*** & ***QUIZZES*** & ***H.W.*** & ***C.W.*** to know your common mistakes.

Happy 2015 to every 1

Mr. Aly Omar El Garraya