Unit 1:

Day 1 & 2

Introduction to Statistics!

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can present and Describe Data.

SC: I can define statistic and parameter. I can describe what I will be learning in AP Stats.

Activator:

M&M Activity

Direct Instruction:

Welcome to Stats "Notes"

Syllabus and Website Discussion

Guided Practice:

Class Data Collection Survey

Distribute Textbooks

Join Groupme

Practice/Differentiation:

TI-Nspire login and 1st Quick poll

(scaffolding throughout lesson)

Summarizers:

Selected Problems from Handout

Homework:

READ CHAPTER 2

Day 3

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

<u>Activator</u>:

Daily 10

<u>Direct Instruction</u>:

W's Notes (Ch.2 Handout)

<u>Guided Practice</u>:

Consumer Reports and Boston Marathon Example

<u>Practice/Differentiation</u>:

MTF Project example Think-Pair-Share

<u>Summarizers</u>:

Selected Problems from Handout

<u>Homework</u>:

p. 17 #14 & Refrigerator Problem (handout)

Day 4

<u>Standard</u>: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10 (Consumer Reports Problem)

Direct Instruction:

Continued from yesterday...

Guided Practice:

Continued from yesterday...

Practice/Differentiation:

p. 16 & 17 #'s 2-20 even omit 14

Selected Problems from Bookwork

Homework:

FDA Problem (handout)

Day 5

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

        SC: I can identify who the data was collected about.

             I can identify what data was collected.

             I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

        SC: I can draw a bar graph.

             I can draw a pie graph.

             I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

        SC: I can draw a dot plot.

             I can draw a stem and leaf plot.

             I can draw a histogram.

             I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

        SC: I can describe the shape of a quantitative distribution.

             I can describe unusual features of a quantitative distribution.

             I can describe the center of a quantitative distribution.

             I can describe the spread of a quantitative distribution.

             I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10 (W's problem)

Direct Instruction:

Start Ch. 3 Displaying and Describing Categorical Data Notes

Guided Practice:

Ch. 2 W's Quiz Review

Practice/Differentiation:

Practice Quiz over identifying the W's (ch. 2)

Summarizers:

Selected Problems from Review

Homework:

Finish practice Quiz and Study for Quiz tomorrow

Day 6

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

   SC: I can draw a bar graph.

      I can draw a pie graph.

      I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

   SC: I can draw a dot plot.

      I can draw a stem and leaf plot.

      I can draw a histogram.

      I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

   SC: I can describe the shape of a quantitative distribution.

      I can describe unusual features of a quantitative distribution.

      I can describe the center of a quantitative distribution.

      I can describe the spread of a quantitative distribution.

      I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

   SC: I can calculate a z-score.

      I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

   SC: I can identify correct parameters for a normal model.

      I can calculate a z-score.

      I can use technology or a z-score chart to find areas under the normal curve.

      I can use proper notation.

Activator:

Daily 10 (AP Exam Multiple Choice practice problem)

<u>Direct Instruction</u>:

Finish Ch. 3 Displaying and Describing Categorical Data Notes

<u>Guided Practice</u>:

Gender and Political Preference Example

<u>Practice/Differentiation</u>:

Quiz over identifying the W's (ch. 2)

<u>Summarizers</u>:

Selected Problems from Notes

<u>Homework</u>:

p. 39 #15

Day 7

<u>Standard</u>: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

      SC: I can identify who the data was collected about.

            I can identify what data was collected.

            I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

      SC: I can draw a bar graph.

            I can draw a pie graph.

            I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

      SC: I can draw a dot plot.

            I can draw a stem and leaf plot.

            I can draw a histogram.

            I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10 & Discuss HW

Direct Instruction:

Continued from yesterday...

Guided Practice:

Smoking WS

Practice/Differentiation:

p. 39 #'s 5, 6, 11, 12

Summarizers:

Selected Problems from Review

Homework:

p. 40 & 41 #'s 23 & 28

Day 8

<u>Standard</u>: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

        SC: I can identify who the data was collected about.

            I can identify what data was collected.

            I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

        SC: I can draw a bar graph.

            I can draw a pie graph.

            I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

        SC: I can draw a dot plot.

            I can draw a stem and leaf plot.

            I can draw a histogram.

            I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

        SC: I can describe the shape of a quantitative distribution.

            I can describe unusual features of a quantitative distribution.

            I can describe the center of a quantitative distribution.

            I can describe the spread of a quantitative distribution.

            I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

        SC: I can calculate a z-score.

            I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

        SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10 & Discuss HW

Direct Instruction:

Continued from previous lesson

Guided Practice:

Continued from previous lesson

Practice/Differentiation:

Girls & Milk Handout

Summarizers:

Selected Problems from Review

Homework:
p. 42 #34

Day 9

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

    SC: I can draw a dot plot.

        I can draw a stem and leaf plot.

        I can draw a histogram.

        I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

    SC: I can describe the shape of a quantitative distribution.

        I can describe unusual features of a quantitative distribution.

        I can describe the center of a quantitative distribution.

        I can describe the spread of a quantitative distribution.

        I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

    SC: I can calculate a z-score.

        I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

    SC: I can identify correct parameters for a normal model.

        I can calculate a z-score.

        I can use technology or a z-score chart to find areas under the normal curve.

        I can use proper notation.

Activator:

Daily 10 (TI-Tips for entering lists on calculators)

Direct Instruction:

Start Ch. 4 Displaying and Describing Quantitative Data Notes (Handout up to stem and leaf plot)

Guided Practice:

Selected problems from notes handout

Practice/Differentiation:

Selected problems from notes handout

Summarizers:

Selected Problems from handout

Homework:

Continue Reading ch. 4

Day 10

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

       SC: I can identify who the data was collected about.

           I can identify what data was collected.

           I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

       SC: I can draw a bar graph.

           I can draw a pie graph.

           I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

       SC: I can draw a dot plot.

           I can draw a stem and leaf plot.

           I can draw a histogram.

           I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

       SC: I can describe the shape of a quantitative distribution.

           I can describe unusual features of a quantitative distribution.

           I can describe the center of a quantitative distribution.

           I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10

Direct Instruction:

Continue Ch. 4 Displaying and Describing Quantitative Data Notes (Handout up to spread)

Guided Practice:

Selected problems from notes handout

Practice/Differentiation:

Selected problems from notes handout

Summarizers:

Selected Problems from handout

Homework:

Continue Reading ch. 4 & p. 72 #'s 5 & 6

Day 11

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10

Continue Ch. 4 Displaying and Describing Quantitative Data Notes (Handout up to standard deviation)

Guided Practice:

Selected problems from notes handout

Practice/Differentiation:

Selected problems from notes handout

Summarizers:

Selected Problems from handout

Homework:

Continue Reading ch. 4 & p. 41 #31

Day 12

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

        SC: I can identify who the data was collected about.

                I can identify what data was collected.

                I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

        SC: I can draw a bar graph.

                I can draw a pie graph.

                I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

        SC: I can draw a dot plot.

                I can draw a stem and leaf plot.

                I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10

Direct Instruction:

Paint can example for standard deviation and Continue Ch. 4 Displaying and Describing Quantitative Data Notes (Handout)

Guided Practice:

Selected problems from notes handout

Practice/Differentiation:

Selected problems from notes handout

Summarizers:

Selected Problems from handout

None :)

Day 13

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

       SC: I can identify who the data was collected about.

           I can identify what data was collected.

           I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

       SC: I can draw a bar graph.

           I can draw a pie graph.

           I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

       SC: I can draw a dot plot.

           I can draw a stem and leaf plot.

           I can draw a histogram.

           I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

       SC: I can describe the shape of a quantitative distribution.

           I can describe unusual features of a quantitative distribution.

           I can describe the center of a quantitative distribution.

           I can describe the spread of a quantitative distribution.

           I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

       SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10

Direct Instruction:

p. 73 #'s 11, 13, 15

Guided Practice:

Brakes and mufflers handout

Practice/Differentiation:

Finish brakes and mufflers handout

Summarizers:

Selected Problems from handout

Homework:

None :)

Day 14

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10

Direct Instruction:

Continued from previous lesson

<u>Guided Practice</u>:

Transmission and Biology class examples handout

<u>Practice/Differentiation</u>:

Finish Transmission and Bio class handout

<u>Summarizers</u>:

Selected Problems from handout

<u>Homework</u>:

p. 42 #36 & p. 72 #'s 12, 14, 16, 36

<u>Day 15</u>

<u>Standard</u>: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

      SC: I can identify who the data was collected about.

           I can identify what data was collected.

           I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

      SC: I can draw a bar graph.

           I can draw a pie graph.

           I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

      SC: I can draw a dot plot.

           I can draw a stem and leaf plot.

           I can draw a histogram.

           I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

      SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10

Direct Instruction:

Continued from previous lesson

Guided Practice:

Ch.'s 3 & 4 Displaying and Describing Categorical and Quantitative Data QUIZ REVIEW

Practice/Differentiation:

Continue Quiz Review

Summarizers:

Selected Problems from handout

Homework:

Study for Quiz Tomorrow!

Day 16

: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

        SC: I can identify who the data was collected about.

            I can identify what data was collected.

            I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

        SC: I can draw a bar graph.

            I can draw a pie graph.

            I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

        SC: I can draw a dot plot.

            I can draw a stem and leaf plot.

            I can draw a histogram.

            I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

        SC: I can describe the shape of a quantitative distribution.

            I can describe unusual features of a quantitative distribution.

            I can describe the center of a quantitative distribution.

            I can describe the spread of a quantitative distribution.

            I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

        SC: I can calculate a z-score.

            I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

        SC: I can identify correct parameters for a normal model.

            I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

<u>Activator</u>:

Daily 10

<u>Direct Instruction</u>:

Continued from previous lesson

<u>Guided Practice</u>:

Answer any last minute questions before the quiz

<u>Practice/Differentiation</u>:

Ch.'s 3 & 4 Displaying and Describing Categorical and Quantitative Data QUIZ

<u>Summarizers</u>:

Selected Problems from handout

<u>Homework</u>:

Start reading ch. 5

Day 17

<u>Standard</u>: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10

Direct Instruction:

Start ch.5 Comparing Distributions notes (handout)

Guided Practice:

Various examples from notes

Practice/Differentiation:

Various practice examples from notes handout

Summarizers:

Selected Problems from handout

Homework:

Continue reading ch. 5

Day 18

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10 (TI-tips for box plots on the calculator)

Direct Instruction:

Continue ch.5 Comparing Distributions notes (handout) & Checking for Outliers example

Guided Practice:

Various examples from notes (Checking for outliers)

Practice/Differentiation:

Various practice examples from notes handout

Summarizers:

Selected Problems from handout

Homework:

Boxplots and Outliers WS

Day 19

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10 (TI-tips for box plots on the calculator)

Direct Instruction:

Just Checking p. 62

Guided Practice:

For Examples: pages 83, 84, 88
P. 95-97 #'s 5, 7, 12, 15

Practice/Differentiation:

P. 95-97 #'s 6, 8, 9, 11, 14, 16

Summarizers:

Selected Problems from handout

Homework:

Finish bookwork

Day 20

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

       SC: I can identify who the data was collected about.

              I can identify what data was collected.

              I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

       SC: I can draw a bar graph.

              I can draw a pie graph.

              I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

       SC: I can draw a dot plot.

              I can draw a stem and leaf plot.

              I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

<u>Activator</u>:

Go over HW

<u>Direct Instruction</u>:

Completed yesterday

<u>Guided Practice</u>:

Completed yesterday

<u>Practice/Differentiation</u>:

Mooseburger and McTofu WS

<u>Summarizers</u>:

Selected Problems from handout

<u>Homework</u>:

None :)

Day 21

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

        SC: I can identify correct parameters for a normal model.

                I can calculate a z-score.

                I can use technology or a z-score chart to find areas under the normal curve.

                I can use proper notation.

Activator:

Daily 10 (5# Summary US History Test Scores)

Direct Instruction:

Guided Practice:

Practice/Differentiation:

Ch. 5 Practice WS (midterm scores)

Summarizers:

Selected Problems from handout

Homework:

Ch. 5 WS (Fishweights)

Day 22

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

        SC: I can identify who the data was collected about.

                I can identify what data was collected.

                I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

        SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10 (Check HW)

Direct Instruction:

Guided Practice:

Practice/Differentiation:

Ch. 5 Comparing Distributions Quiz Review (body temps)

Summarizers:

Selected Problems from handout

Homework:

Ch. 5 Comparing Distributions Quiz Review 2 (fuel economy)

Day 23

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

      SC: I can identify who the data was collected about.

            I can identify what data was collected.

            I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

      SC: I can draw a bar graph.

            I can draw a pie graph.

            I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

      SC: I can draw a dot plot.

            I can draw a stem and leaf plot.

            I can draw a histogram.

            I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

      SC: I can describe the shape of a quantitative distribution.

            I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10

Direct Instruction:

Guided Practice:

Practice/Differentiation:

Ch. 5 Comparing Distributions Quiz

Summarizers:

Homework:

Start Reading Ch. 6

Day 24

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

<u>Activator</u>:

Daily 10 (on notes packet)

<u>Direct Instruction</u>:

Start Ch. 6 Standard Deviation as a Ruler Notes

<u>Guided Practice</u>:

P. 129 #'s 7, 9, 11, 13

<u>Practice/Differentiation</u>:

P. 129 #'s 8, 10 ,12, 14

<u>Summarizers</u>:

Selected Problems from handout

<u>Homework</u>:

Finish bookwork

Day 25

<u>Standard</u>: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

    SC: I can identify who the data was collected about.

        I can identify what data was collected.

        I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

    SC: I can draw a bar graph.

        I can draw a pie graph.

        I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10 (go over HW)

Direct Instruction:

Continue Ch. 6 Standard Deviation as a Ruler Notes through shifting/scaling data

Guided Practice:

P. 129 #'s 1, 3, 5

Practice/Differentiation:

P. 129 #'s 2, 4, 6

<u>Summarizers</u>:

Selected Problems from handout

<u>Homework</u>:

Finish bookwork

<u>Day 26</u>

<u>Standard</u>: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

      SC: I can identify who the data was collected about.

            I can identify what data was collected.

            I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

      SC: I can draw a bar graph.

            I can draw a pie graph.

            I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

      SC: I can draw a dot plot.

            I can draw a stem and leaf plot.

            I can draw a histogram.

            I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

      SC: I can describe the shape of a quantitative distribution.

            I can describe unusual features of a quantitative distribution.

            I can describe the center of a quantitative distribution.

            I can describe the spread of a quantitative distribution.

            I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10 (National achievement test)

Direct Instruction:

Continue Ch. 6 Standard Deviation as a Ruler and Normal Model Notes up to pic, pic, pic

Guided Practice:

Various examples in Notes packet

Practice/Differentiation:

Normal Distribution WS

Summarizers:

Selected Problems from handout

Homework:

Finish WS

Day 27

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10 (Coffee Shop Example)

Direct Instruction:

Continue Ch. 6 Normal Model notes (calculating areas under the normal curve using the calculator)

Guided Practice:

Various examples from notes

Practice/Differentiation:

Normal Curve WS #'s 1-16 ONLY

Summarizers:

Selected Problems from handout

Homework:

Finish WS

Day 28

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

>   SC: I can identify who the data was collected about.

>   I can identify what data was collected.

>   I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

>   SC: I can draw a bar graph.

>   I can draw a pie graph.

>   I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

>   SC: I can draw a dot plot.

>   I can draw a stem and leaf plot.

>   I can draw a histogram.

>   I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10 (Check HW)

Direct Instruction:

Continue Ch. 6 Inverse Norm Notes

Guided Practice:

Various examples from notes

Practice/Differentiation:

Normal Curve WS from yesterday #'s 17-22

Summarizers:

Selected Problems from handout

Homework:

Finish Normal Curve WS & Life Expectancy WS

Day 29

<u>Standard</u>: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

      SC: I can identify who the data was collected about.

          I can identify what data was collected.

          I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

      SC: I can draw a bar graph.

          I can draw a pie graph.

          I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

      SC: I can draw a dot plot.

          I can draw a stem and leaf plot.

          I can draw a histogram.

          I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

      SC: I can describe the shape of a quantitative distribution.

          I can describe unusual features of a quantitative distribution.

          I can describe the center of a quantitative distribution.

          I can describe the spread of a quantitative distribution.

          I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

      SC: I can calculate a z-score.

          I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

      SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

<u>Activator</u>:

Daily 10 (Jane's z-score)

<u>Direct Instruction</u>:

Ch. 6 Normal Model Application Problems Notes

<u>Guided Practice</u>:

Various examples from notes

<u>Practice/Differentiation</u>:

Normal Distributions WS #'s 1-9

<u>Summarizers</u>:

Selected Problems from handout

<u>Homework</u>:

Finish WS

<u>Day 30</u>

<u>Standard</u>: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10 (types of graphs graphic organizer)

Direct Instruction:

Check HW (WS #'s 1-9)

Guided Practice:

Various problems from Under the Normal curve and z-scores WS #'s 1-9

Practice/Differentiation:

Finish WS #'s 1-9

Summarizers:

Selected Problems from handout

Homework:

Finish WS

Day 31

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

        SC: I can identify who the data was collected about.

                I can identify what data was collected.

                I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

        SC: I can draw a bar graph.

                I can draw a pie graph.

                I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

        SC: I can draw a dot plot.

                I can draw a stem and leaf plot.

                I can draw a histogram.

                I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

        SC: I can describe the shape of a quantitative distribution.

                I can describe unusual features of a quantitative distribution.

                I can describe the center of a quantitative distribution.

                I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10 (check HW)

Direct Instruction:

Guided Practice:

Practice/Differentiation:

Angus Cow Packet

Summarizers:

Selected Problems from handout

Homework:

Finish packet

Day 32

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10 (Tomatoes Example)

Direct Instruction:

Guided Practice:

Credit Hours Handout

Practice/Differentiation:

Housing Units WS

Summarizers:

Selected Problems from handout

Homework:

Finish WS

Day 33

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

> SC: I can identify who the data was collected about.
>
> I can identify what data was collected.
>
> I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

> SC: I can draw a bar graph.
>
> I can draw a pie graph.
>
> I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

> SC: I can draw a dot plot.
>
> I can draw a stem and leaf plot.
>
> I can draw a histogram.
>
> I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

        SC: I can describe the shape of a quantitative distribution.

            I can describe unusual features of a quantitative distribution.

            I can describe the center of a quantitative distribution.

            I can describe the spread of a quantitative distribution.

            I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

        SC: I can calculate a z-score.

            I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

        SC: I can identify correct parameters for a normal model.

            I can calculate a z-score.

            I can use technology or a z-score chart to find areas under the normal curve.

            I can use proper notation.

Activator:

Daily 10 (Check Housing Units WS)

Direct Instruction:

Guided Practice:

Various examples from Quiz Review (Budget Meeting)

Practice/Differentiation:

Work on Quiz Review

Summarizers:

Selected Problems from handout

Homework:

Finish Quiz Review and Normal Percentiles Packet...STUDY FOR QUIZ

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10

Direct Instruction:

Guided Practice:

Practice/Differentiation:

Ch. 6 St. Deviation and the Normal Model Quiz

Summarizers:

Selected Problems from handout

Homework:

Start working on test reviews

Days 35 & 36

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

SC: I can identify who the data was collected about.

I can identify what data was collected.

I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

SC: I can draw a bar graph.

I can draw a pie graph.

I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

SC: I can draw a dot plot.

I can draw a stem and leaf plot.

I can draw a histogram.

I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

SC: I can describe the shape of a quantitative distribution.

I can describe unusual features of a quantitative distribution.

I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10

Direct Instruction:

Guided Practice:

Various examples from test reviews

Practice/Differentiation:

Unit 1 Test Reviews 1, 2, & 3

Summarizers:

Selected Problems from handout

Homework:

STUDY FOR TEST!!!

Days 37 & 38

Standard: Exploring Data - Describing Patterns and Departures from Patterns (20% - 30% of AP Exam)

LT: I can identify the w's for any study.

   SC: I can identify who the data was collected about.

     I can identify what data was collected.

     I can identify when, where, and how the data was collected.

LT: I can analyze a graph for a set of categorical data.

   SC: I can draw a bar graph.

     I can draw a pie graph.

     I can draw a segmented bar graph.

LT: I can analyze a graph for a set of univariate quantitative data.

   SC: I can draw a dot plot.

     I can draw a stem and leaf plot.

     I can draw a histogram.

     I can draw a box and whiskers plot.

LT: I can describe and analyze univariate data. (SUCS)

   SC: I can describe the shape of a quantitative distribution.

     I can describe unusual features of a quantitative distribution.

     I can describe the center of a quantitative distribution.

I can describe the spread of a quantitative distribution.

I can use context in my descriptions.

LT: I can use standard deviation as a measure of position.

SC: I can calculate a z-score.

I can relate a z-score to a normal model.

LT: I can calculate probabilities using a normal model.

SC: I can identify correct parameters for a normal model.

I can calculate a z-score.

I can use technology or a z-score chart to find areas under the normal curve.

I can use proper notation.

Activator:

Daily 10

Direct Instruction:

Guided Practice:

Practice/Differentiation:

Unit 1 Exploring Uni-variate Data Test

Day 1 - Part 1: 10 Multiple Choice Questions and 2 FRQs

Day 2 - Part 2: 3 FRQs

Summarizers:

Selected Problems from handout

Homework:

STUDY!!!!