|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Grade Level:** 10th -12th **LESSON PLANS ARE SUBJECT TO CHANGE DAILY!** |  | **Teacher/Room**: LPAYNE |  | / | 181 | **Course(s)/ Period(s):**  | AP STATS | / | 2,3 | **Week of:** | JAN 18-22 |
| **Unit Vocabulary: CHAPTER 1 CHAPTER 2.**  **SEE ATTACHED**  |  |
| **Instructional Strategies Used:**  | direct instruction, independent study, interactive instruction |
| **Monday**  | **Tuesday** | **Wednesday** | **Thursday** | **Friday**  |
| **Common Core Standard(s)**: | **Common Core Standard(s)** | **Common Core Standard(s)**: | **Common Core Standard(s)**: | **Common Core Standard(s)**: |
|  | Exploring Data [C2a][C2c][C4][C5] | Exploring Data [C2a][C2c][C4][C5] | Exploring Data [C2a][C2c][C4][C5] | Exploring Data [C2a][C2c][C4][C5], S-ID.4 |
| **Essential Question:** | **Essential Question:**• What is data? How do we understand and communicate data? • Can you lie with statistics? How and to what extent? • What assumptions can be made from data? • How can graphical displays be manipulated to present misleading information? • How can data analysis be used to predict future happenings? • Does the data always lead to the truth? | **Essential Question:**• What is data? How do we understand and communicate data? • Can you lie with statistics? How and to what extent? • What assumptions can be made from data? • How can graphical displays be manipulated to present misleading information? • How can data analysis be used to predict future happenings? • Does the data always lead to the truth? | **Essential Question:****Am I ready for Chapter 1 TEST?**• How does one assess normality? • Why is the normal distribution essential to the study of statistics? • How does the normal distribution apply to the real world? | **Essential Question:**• How does one assess normality? • Why is the normal distribution essential to the study of statistics? • How does the normal distribution apply to the real world? |
|  |  |  |  |  |
| **Mini Lesson:**  | **Mini Lesson:**  | **Mini Lesson:**  | **Mini Lesson:**  | **Mini Lesson:**  |
|  | * **CREATE A BOX AND WHISKER PLOT**
 | * **Create a histogram**
 | * **Answer any questions**
 | * **VOC CHECK**
 |
| **Activating Strategies:**  | **Activating Strategies:**  | **Activating Strategies:**  | **Activating Strategies:**  | **Activating Strategies:**  |
|  | * **CHECKING HOMEWORK**
 | * **Checking homework**
 | * **Check notebooks**
 | * **POWERPOINT**
 |
| **Lesson:**  | **Lesson:**  | **Lesson:**  | **Lesson:**  | **Lesson:**  |
| * **MKL DAY- HOLIDAY**

MLK DAY HOLIDAY | * **CHAPTER 1 REVIEW**
 | * Practice TEST
* FRAPPY
 | * **CHAPTER 1- TEST**
 | * **2.1**
* Measuring Position: Percentiles • Cumulative Relative Frequency Graphs • Measuring Position: z-Scores • Transforming Data • Density Curves
 |
| **Resource/Materials:** | **Resource/Materials:** | **Resource/Materials:** | **Resource/Materials:** | **Resource/Materials:** |
|  | * **FORMULA SHEET, CALCULATOR**
 | * **Formula sheet, calculator, textbook**
* **Frappy question**
 | * **TEST, FORMULA SHEET, CALCULATOR,**
 | * **TEXTBOOK, CALCULATOR**
 |
| **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  |
|  | * Students will use technology or draw by hand
 | * Frappy question
 | * NA
 | * NA
 |
| ***Grouping Strategy (if any):*** | ***Grouping Strategy (if any):*** | ***Grouping Strategy (if any):*** | ***Grouping Strategy (if any):*** | ***Grouping Strategy (if any):*** |
|  | * Flexible Grouping
 | * Flexible Grouping
 | * Flexible Grouping
 | * Flexible Grouping
 |
| ***Assessment Strategy:*** | ***Assessment Strategy:*** | ***Assessment Strategy:*** | ***Assessment Strategy:*** | ***Assessment Strategy:*** |
|  | * Grouping based on formative assessment
 | * Grouping based on formative assessment
 | * NA
 | * NA
 |
| **Assessment :** | **Assessment :** | **Assessment :** | **Assessment :** | **Assessment :** |
| ***Formative:***  |  | ***Formative:***  | Homework check | ***Formative:*** | Homework check | ***Formative:*** | NOTEBOOK CHECK | ***Formative:*** | NA |
| ***Summative:***  | NA | ***Summative:***  | Chapter 1 test | ***Summative:*** | Chapter 1 test | ***Summative:*** | CHAPTER 1 TEST | ***Summative:*** | ***CHAPTER 2 TEST*** |
| **Homework:**  | **Homework:**  | **Homework:**  | **Homework:**  | **Homework:**  |
|  | Practice test | Practice test  | READ AND DO VOCABULARY FOR CHAPTER 2 | 2.1 HW: 1, 5, 9, 11, 13, 15, 19, 21, 23, 31, 33-38 |
| Resources and Reflective Notes: |  |