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| **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: | | | | | | |  | | | | | | | | | | | | | | | |