|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Grade Level:** **LESSON PLANS ARE SUBJECT TO CHANGE DAILY!** | 11/12 | **Teacher/Room**: | LPAYNE | / | 181 | **Course(s)/ Period(s):**  | AP STATS | / | 3 | **Week of:** | October 3-7 |
| **Unit Vocabulary:**  | Chapter 6 Vocabulary 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)**: |
| S-IC.2 S-MD.1 S-MD.2 S-MD.3 S-MD.4 S-MD.5, 5a & 5b S-MD.7 S-MD.8  | S-IC.2 S-MD.1 S-MD.2 S-MD.3 S-MD.4 S-MD.5, 5a & 5b S-MD.7 S-MD.8  | S-IC.2 S-MD.1 S-MD.2 S-MD.3 S-MD.4 S-MD.5, 5a & 5b S-MD.7 S-MD.8  | S-IC.2 S-MD.1 S-MD.2 S-MD.3 S-MD.4 S-MD.5, 5a & 5b S-MD.7 S-MD.8  | S-IC.2 S-MD.1 S-MD.2 S-MD.3 S-MD.4 S-MD.5, 5a & 5b S-MD.7 S-MD.8  |
| **Essential Question:** | **Essential Question:** | **Essential Question:** | **Essential Question:** | **Essential Question:** |
| How do you use random variables to solve problems? | How do you use random variables to solve problems? | How do you use random variables to solve problems? | How do you use random variables to solve problems? | How do you use random variables to solve problems? |
| **Mini Lesson:**  | **Mini Lesson:**  | **Mini Lesson:**  | **Mini Lesson:**  | **Mini Lesson:**  |
| * **CS: Does Therapeutic Touch Really work?**
* **Complete test from Friday for those that did not finish.**
 | * **Describe the effects of transforming a random variable by adding , subtracting, multiplying, or dividing a constant**
 | * **A: The birth day game**
 | * **CC: Does Therapeutic Touch really work:**
 | * **Checking homework**
 |
| **Activating Strategies:**  | **Activating Strategies:**  | **Activating Strategies:**  | **Activating Strategies:**  | **Activating Strategies:**  |
| * A: Bottled Water vs. Tap water
 | * **Checking homework**
 | * **Checking homework**
 | * **Checking homework**
 | * **Answering any questions**
 |
| **Lesson:** **REVIEW SECTION 6.1** **GAMES, GREEDY PIG, CARD GAME**REVIEW 6.2 **Transforming and combining random variables** | **Lesson:** REVIEW 6.2 **Transforming and combining random variables****CHERRIO GAME**  | **Lesson:** CHAPTER 6 REVIEW | **Lesson:** **CHAPTER 6 PRACTICE TEST** | **Lesson:**  |
| * **6.1 Discrete and Continuous Random Variables**
 | **6.3** Binominal and Geometric Random Variables . | * Binominal and Geometric Random Variables .
 | * **Chapter Review and Test**
 | **TEST**  |
| **Resource/Materials:** | **Resource/Materials:** | **Resource/Materials:** | **Resource/Materials:** | **Resource/Materials:** |
| * **Text, powerPoint, calculator, bottled water, tap water**
 | * **Text, powerPoint, calculator, bottled water, tap water**
 | * **Text, powerPoint, calculator, bottled water, tap water**
 | * **Text, powerPoint, calculator, bottled water, tap water**
 | * **Text, powerPoint, calculator, bottled water, tap water**
 |
| **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  |
| * **Student homework**
 | * Graphic Organizers
 | * Graphic Organizers
 | * Notebook
 | * Notebook
 |
| ***Grouping Strategy (if any):*** | ***Grouping Strategy (if any):*** | ***Grouping Strategy (if any):*** | ***Grouping Strategy (if any):*** | ***Grouping Strategy (if any):*** |
| * **Random selection example of chapter.**
 | * **Random selection example of chapter. Using random digits from chapter 5.**
 | * Flexible Grouping
 | * NA
 | * NA
 |
| ***Assessment Strategy:*** | ***Assessment Strategy:*** | ***Assessment Strategy:*** | ***Assessment Strategy:*** | ***Assessment Strategy:*** |
|  | * Grouping based on formative assessment
 | * Grouping based on formative assessment
 | * Class discussion of Probability
 | * TEST
 |
| **Assessment :** | **Assessment :** | **Assessment :** | **Assessment :** | **Assessment :** |
| ***Formative:***  | Student questioning/ observation | ***Formative:***  | Ticket out the door  | ***Formative:*** | Student questioning/observation | ***Formative:*** | Extra Practice | ***Formative:*** | NA |
| ***Summative:***  | NA | ***Summative:***  | NA | ***Summative:*** | Check homework | ***Summative:*** | Check homework | ***Summative:*** Test  |  |
| **Homework: 6.1 EXTRA EXAMPLES** | **Homework:**  | **Homework:**  | **Homework:**  | **Homework:**  |
|  See note taking guide |  See note taking guide |  See note taking guide |  See note taking guide | See note taking guide |
| Resources and Reflective Notes: |  |



