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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Grade Level:** **LESSON PLANS ARE SUBJECT TO CHANGE DAILY!** | 11/12 | **Teacher/Room**: | LPAYNE | / | 181 | **Course(s)/ Period(s):**  | AP STATS | / | 2ND 3rd | **Week of:** | Feb 29-March 4 |
| **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:**  | **Lesson:**  | **Lesson:**  | **Lesson:**  | **Lesson:**  |
| * **6.1 Discrete and Continuous Random Variables**
 | * **6.2 Transforming and combining 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:**  | **Homework:**  | **Homework:**  | **Homework:**  | **Homework:**  |
| HW: 1, 5, 7, 9, 13, 14, 18, 19, 23, 25  | HW: 27-30, 37, 39-41, 43, 45, 49, 51, 57-59, 63  | HW: 61, 65, 66, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 93, 95, 97, 99, 101-103  | Chapter Review and TESTPractice Worksheet  | Read Chapter 7 |
| Resources and Reflective Notes: |  |



