|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 TEST  Practice Worksheet | | | | | Read Chapter 7 | | |
| Resources and Reflective Notes: | | | | | | |  | | | | | | | | | | | | | | | |



