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| **Grade Level**  11th and 12th AP Statistics | | **Teacher/Room**: LPAYNE 181 Week of: October 10-14  3rd | | | |
| **Unit Vocabulary:** Chapter 6 AND 7 Vocabulary see attached | | | | | |
| **Instructional Strategies Used:** direct instruction, independent study, interactive instruction | | | | | |
| **Day 1** | **Day 2** | | **Day 3** | **Day 4** | **Day 5** |
| **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 | **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 | | **Common Core Standard(s)**:  S-IC.6 | **Common Core Standard(s)**:  S-IC.6 | **Common Core Standard(s)**:  S-IC.6 |
| **EQ Question:**  How do you use random variables to solve problems? | **EQ Question:**  How do you use random variables to solve problems? | | **EQ Question:**  • How can modeling predict the future? • To what extent does our world exhibit binomial and geometric phenomena? • How does the normal distribution apply to the real world? • How can we use the Central Limit Theorem to understand the variability of a statistic? • Does the Central Limit Theorem test one’s limit? | **EQ Question:**  • How can modeling predict the future? • To what extent does our world exhibit binomial and geometric phenomena? • How does the normal distribution apply to the real world? • How can we use the Central Limit Theorem to understand the variability of a statistic? • Does the Central Limit Theorem test one’s limit? | **EQ Question:**  • How can modeling predict the future? • To what extent does our world exhibit binomial and geometric phenomena? • How does the normal distribution apply to the real world? • How can we use the Central Limit Theorem to understand the variability of a statistic? • Does the Central Limit Theorem test one’s limit? |
| **Mini Lesson:**  Cereal activity  **Activating Strategies:**  Checking homework  **Lesson: Complete 6 test**  **Note taking guide for Chapter 7**  **Chapter 6 review**  **Resource/Materials:**  **Text, powerPoint, calculator,** | **Mini Lesson:**  Check homework  **Activating Strategies:**  Review questions  Lesson: Chapter 7 section 1  **Resource/Materials:**  **Text, powerPoint, calculator, test** | | **Mini Lesson:**  Building better batteries  **Activating Strategies:**  Note taking guide  Lesson: 7.1 What is a sampling Distribution?  **Resource/Materials:**  **Text, powerPoint, calculator, activity** | **Mini Lesson:**  The Candy Machine  **Activating Strategies:**  Notetaking guide  Lesson: Sample Proportion  **Resource/Materials:**  **Text, powerPoint, calculator, activity** | **Mini Lesson:**  Penny for your Thoughts  **Activating Strategies:**  Notetaking guide  Lesson: Sample Means  **Resource/Materials:**  **Text, powerPoint, calculator, activity** |
| **Differentiation:**  *Content/Process/Product:*  *Grouping Strategy: Random interger*  *Assessment: homework* | **Differentiation:**  *Content/Process/Product:*  *Grouping Strategy:none*  *Assessment TEST* | | **Differentiation:**  *Content/Process/Product:*  *Grouping Strategy:*  *Assessment homework* | **Differentiation:**  *Content/Process/Product:*  *Grouping Strategy:*  *Assessment homework* | **Differentiation:**  *Content/Process/Product:*  *Grouping Strategy:*  *Assessment homework* |
| **Assessment :**  **Homework** | **Assessment:**  **TEST** | | **Assessment:**  ***Homework*** | **Assessment:**  **Homework** | **Assessment:**  **homework** |
| **Homework:**  Note taking guide Chapter 7 | **Homework:**  Note Taking guide Chapter 7 | | **Homework: Chapter 7**  1,3,5,7,9,11,13, 17-20 | **Homework: Chapter 7**  21-24, 27, 29, 33, 35, 37, 41 | **Homework: Chapter 7**  43-46, 49, 51, 53, 55, 57, 61, 63, 65-68 |

Resources and Reflective Notes:







