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| **Grade Level** 11th and 12th AP Statistics | **Teacher/Room**: LPAYNE 181 Week of: MARCH 7-11 2nd and 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:** **Chapter 6 review** **Resource/Materials:****Text, powerPoint, calculator,** | **Mini Lesson:** Check homework**Activating Strategies:**Review questionsLesson: TEST**Resource/Materials:****Text, powerPoint, calculator, test**  | **Mini Lesson:** Building better batteries**Activating Strategies:**Note taking guideLesson: 7.1 What is a sampling Distribution?**Resource/Materials:****Text, powerPoint, calculator, activity** | **Mini Lesson:** The Candy Machine**Activating Strategies:**Notetaking guideLesson: Sample Proportion**Resource/Materials:****Text, powerPoint, calculator, activity** | **Mini Lesson:** Penny for your Thoughts**Activating Strategies:**Notetaking guideLesson: 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:** Review worksheet | **Homework:** Read Chapter 7 | **Homework:** 1,3,5,7,9,11,13, 17-20 | **Homework:**  21-24, 27, 29, 33, 35, 37, 41 | **Homework:**43-46, 49, 51, 53, 55, 57, 61, 63, 65-68 |

Resources and Reflective Notes:







