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| **Grade Level** 11-12  | **Teacher/Room**: LPAYNE/181 Week of: 10/31-11/4 |
| **Unit Vocabulary: CHAPTER 8 AND CHAPTER 9** |
| **Instructional Strategies Used:**

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| direct instruction, independent study, interactive instruction **, CASE STUDIES, CLOSED CASES, ACTIVITIES, SIMILATIONS, DATA EXPLORATIONS** |

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| **Day 1** | **Day 2** | **Day 3** | **Day 4** | **Day 5** |
| **GSE/GPS Standard(s)**:**C2A,C2D,C4,C5** | **GSE/GPS Standard(s)**:**C2A,C2D,C4,C5** | **GSE/GPS Standard(s)**: **C2A,C2D,C4,C5** | **GSE/GPS Standard(s)**: **C2A,C2D,C4,C5** | **GSE/GPS Standard(s)**: **C2A,C2D,C4,C5**s-IC.4 |
| **EQ Question:**How do you carry out the steps in constructing confidence interval for population proportion? | **EQ Question:**Can you determine the sample size required to obtain a level C confidence interval  | **EQ Question:**How do you carry out the steps in constructing confidence interval for population mean? | **EQ Question:****Can you carry out the steps in constructing a confidence interval for a populations mean: define the parameter, check conditions, perform calculations and interpret results in context?**  | **EQ Question:** To what extent are significance test reliable?  |
| **Mini Lesson:** Estimating a populations proportion **Activating Strategies:**The beadsLesson: 8.2 Estimating population Proportions **Resource/Materials:**Text, notetaking guide, calculator, powerpoint  | **Mini Lesson:** I’m getting a Headache **Activating Strategies: CC Need help give us a call** Lesson: 8.3 Estimating a population mean **Resource/Materials:** Text, notetaking guide, calculator, PowerPoint | **Mini Lesson:** Activity Calculator bingo**Activating Strategies:**Choosing the sample sizeLesson: 8.3 Estimating a population mean **Review for test** **Resource/Materials:**Text, notetaking guide, calculator, PowerPoint | **Mini Lesson:** Answer any questions **Activating Strategies:** Calculator activity finding confidence intervals **Resource/Materials:**Text, notetaking guide, calculator, powerpoint | **Mini Lesson:** I’m a great Free-throw shooter**Activating Strategies:**Pick a card Lesson:9.1 Significance test: The Basics **Resource/Materials:**Text, notetaking guide, calculator, powerpoint |
| **Differentiation:***Content/Process/Product:Calculator Bingo**Grouping Strategy: prior test results**Assessment:* | **Differentiation:***Content/Process/Product:**Grouping Strategy:**Assessment* | **Differentiation:***Content/Process/Product:tps4e applets**Grouping Strategy: Prior test scores**Assessment* | **Differentiation:***Content/Process/Product:**Grouping Strategy:**Assessment* | **Differentiation:***Content/Process/Product:**Grouping Strategy:**Assessment* |
| **Assessment :***Pre-Test: self evaluation of skills on NTG**Post-Test: self evaluation of skills on NTG/test* *Formative: activities* *Summative: chapter test* *Performance Based:* | **Assessment:***Pre-Test: self evaluation**Post-Test:self evaluation**Formative: activities**Summative: chapter test* *Performance Based****:*** | **Assessment:***Pre-Test:self evaluation* *Post-Test: self evaluation**Formative: activities**Summative: chapter test* *Performance Based:* | **Assessment:***Pre-Test: self evaluation**Post-Test: self evaluation**Formative: chapter review* *Summative: chapter test* *Performance Based:* | **Assessment:***Pre-Test: self evaluation skills on NTG**Post-Test: self-evaluations skills on NTG**Formative: activity**Summative:**Performance Based:* |
| **Homework: 35,37, 41,43, 47**  | **Homework: 49-52,55,57,59,63,65,67,71,73,75-78** | **Homework:** Finish section 8.3Chapter Review  | **Homework:**  Read section 9.1 and outline 2-10 even  | **Homework:**Section 9.1, 9-27 odd |

Resources and Reflective Notes: Lesson plans are subject to change if needed.

Groups on Monday, Wednesday, and Friday: Monday, bead activity, Wednesday applets comparing confidence intervals, Friday Card activity