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| **Grade Level** 7 | | **Teacher/Room**: Jackson Week of: 8-10-15 | | | |
| **Unit Vocabulary: box-and-whisker, lower quartile, upper quartile, interquartile range, population, sample, random sample, convenience sample, biased sample, outlier** | | | | | |
| **Instructional Strategies Used:** | | | | | |
| **Day 1** | **Day 2** | | **Day 3** | **Day 4** | **Day 5** |
| **GSE/GPS Standard(s)**:  **MGSE7. SP1**  **MGSE7.SP2**  **MGSE7.SP3**  **MGSE7.SP4** | **GSE/GPS Standard(s)**:  **MGSE7. SP1**  **MGSE7.SP2**  **MGSE7.SP3**  **MGSE7.SP4** | | **GSE/GPS Standard(s)**:  **MGSE7. SP1**  **MGSE7.SP2**  **MGSE7.SP3**  **MGSE7.SP4** | **GSE/GPS Standard(s)**:  **MGSE7. SP1**  **MGSE7.SP2**  **MGSE7.SP3**  **MGSE7.SP4** | **GSE/GPS Standard(s)**:  **MGSE7. SP1**  **MGSE7.SP2**  **MGSE7.SP3**  **MGSE7.SP4** |
| **EQ Question:**  How do you make a box-and-whisker plot? | **EQ Question:**  How do sampling methods compare? | | **EQ Question:**  How do we use sampling in real life? | **EQ Question:**  How do we use sampling in real life? | **EQ Question:**  Have we mastered data analysis? |
| **Mini Lesson**   1. **Review measures of central tendency**   **Activating Strategies:**   1. **Finish Unit 4 pretest** 2. **Take notes over box- and – whisker plots** 3. **Assign page 222 (1-12)**   **Resource/Materials: tests, textbooks** | **Mini Lesson:**   1. **Review box-and-whisker plots** 2. **Check page 222**   **Activating Strategies:**   1. **Worksheet 10-1 for a grade** 2. **Introduce populations and samples** 3. **Assign worksheet**   **10-2**  **(If pretest score was higher than a 90, challenge activity for the week)**  **Resource/Materials: worksheets 10-1 and 10-2** | | **Mini Lesson:**   1. **Review sampling and populations** 2. **Check worksheet 10-2**   **Activating Strategies:**   1. **Using real life examples students will conduct their own survey to create a table, box-and-whisker plot, and find measures of central tendency.**   **Resource/Materials:** | **Mini Lesson:**   1. **Review sampling and populations**   **Activating Strategies:**   1. **Complete surveys from yesterday and create posters to display the results.**   **Resource/Materials:**  **Poster paper, markers** | **Mini Lesson:**   1. **Review all concepts from the week**   **Activating Strategies:**   1. **Complete page 234-235 for review**   **Resource/Materials: textbook** |
| **Differentiation:**  *Content/Process/Product:*  *Grouping Strategy:*  *Assessment****: pretest*** | **Differentiation:**  *Content/Process/Product:* **If pretest score was higher than a 90, challenge activity for the week.**  ***worksheet A, B, or C***  *Grouping Strategy:*  *Assessment* | | **Differentiation:**  *Content/Process/Product:* ***create poster display of real life surveys***  *Grouping Strategy:* ***homogeneous***  *Assessment* | **Differentiation:**  *Content/Process/Product****: create poster display of real life surveys***  *Grouping Strategy:* ***homogeneous***  *Assessment* | **Differentiation:**  *Content/Process/Product:*  *Grouping Strategy:* ***individual help as needed***  *Assessment* |
| **Assessment :**  *Pre-Test:----unit 4 pre-test*  *Post-Test:*  *Formative:: class review*  *Summative::*  *Performance Based:* | **Assessment:**  *Pre-Test:*  *Post-Test:*  *Formative:: worksheet 10-1*  *Summative:*  *Performance Based****:*** | | **Assessment:**  *Pre-Test:*  *Post-Test:*  *Formative: worksheet 10-2*  *Summative:*  *Performance Based: surveys* | **Assessment:**  *Pre-Test:*  *Post-Test:*  *Formative:*  *Summative:*  *Performance Based: surveys* | **Assessment:**  *Pre-Test:*  *Post-Test:*  *Formative:*  *Summative:*  *Performance Based:* |
| **Homework:** | **Homework:** | | **Homework:** | **Homework:** | **Homework:** |

Resources and Reflective Notes: