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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: