

Name: _____

Period: _____

#: _____

Science Q2 Final Review – Scientific Inquiry

Test Dates:

Wednesday, December 19: Periods 1-3

Thursday, December 20: Periods 4-5

- **Scientific Method/Processes**
 - Order of the steps of the scientific method
 - Understand the importance of research prior to scientific investigations
- **Problem question**
 - Read information regarding observations and identify a proper problem question based on the observations
- **Hypothesis**
 - Determine an appropriate hypothesis from given scenarios
- **Independent and dependent variables**
 - Identify the IV and DV in a lab investigation
 - Identify the controls in an experiment
 - What is a baseline?
- **Graph and Data Table**
 - Determining trends and relationships within the data presented in a data table or graph (highs, lows, etc.)
 - Analyze the information being presented in the data table or graph
 - What parts are necessary when constructing a graph?
- **Conclusion**
 - What are the parts of a quality conclusion?