

# 7<sup>th</sup> Grade Q4 Final Review

- 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?