Study Guide

1. Know all the steps to the scientific method – the acronym - (Paul Revere Hates Eggs and Cheese)

And the steps - Problem, Research, Hypothesis, Experiment, Analysis and Conclusion

Understand what is involved in each of the first four steps of the scientific method

1. Know the following terms

Quantitative Observation

Qualitative Observation

Inference

Observation

Independent Variable

Dependent Variable

Control Group

Experimental Group

1. Practice some scenarios. Be able to find the first four steps and identify the dependent and independent variables.