

Study Guide for Quiz 8/23 (A) 8/24 (B)

1. Be able to apply the Scientific Method to a question (Basic order: Question/Problem, Hypothesis, Experimental Design, Collect Data/Results, Analyze Results, Form Conclusion, Peer Review, and Future Research/Inquiries). Be able to relate steps to each other; for example, how does the hypothesis relate to the conclusion and the experimental design?
2. Know the difference between Quantitative Data and Qualitative Data
3. Know which kind of data is integral to scientific inquiry out of the kinds of data and why.
4. Know how to identify Independent, Dependent, Control, and Constant variables in an experiment.