

Biology Common Board

Mon. 14 AUG 17

TOPIC:

Scientific Method & Terms

STANDARDS:

SC.912.N.1.1- Scientific methods and laboratory Work.

SC.012.N.1.6- Describe how scientific inferences are drawn from scientific observation and provide examples.

OBJECTIVE:

- ❑ How do you work safely in the Lab?
- ❑ Name and define the six steps of the Scientific Method (in order)

ESSENTIAL QUESTION:

❑ **What is science?**

CHECK FOR UNDERSTANDING:

- Exit Ticket

Bell Ringer

14AUG17

Day 3

**Laboratory
Safety
Worksheet
(1-10)**

Biology 14AUG17

Chapter 1 Section 3

- ❑ Collect Course Outline forms
- ❑ Collect Lab safety contracts
- ❑ Scientific Method notes- List the Steps
- ❑ Vocabulary
- ❑ [Homework: Introduction to Biology](#)



Scientific Method



1. State the Problem
2. Gather Information
3. Form a Hypothesis
(Must be testable)
4. Experiment
(test the hypothesis)
5. Collect and Analyze Data
6. Draw a Conclusion

**YOU MUST KNOW THESE STEPS
IN ORDER!**

Ch.1 Vocabulary Pages 9-11 in workbook

Vocabulary term	Definition and Important Info.
Observation	
Data	
Hypothesis	
Independent Variable	
Dependent variable	
Constants	
Theory	

Exit Ticket

- ❑ How do you work safely in the Lab?
- ❑ Name the six steps of the Scientific Method (in order)
- ❑ Define each one of the six steps of the Scientific Method