Lab Title:_____

Name:_____Date:_____Period:_____

Part I: Forming a Question or Hypothesis (7.3S.1a) ☐

A. Identify the problem or state a question

The question under consideration is…

B. Provide relevant background information (observations and science knowledge)

1. From my own experiences . . .

2. From my observations . . .

3. Background information, from expert sources, states that . . .

C. Form a prediction or hypothesis

1. I intend to show that . . . _____

_____

2. because . . . _____

_____

Part 2. Designing an Investigation (7.3S.1b) ☐

A. Safety (list)

B. Equipment/Materials (list)

C. Diagram of Lab Set-up (label)

D. Experiment Procedures *(numbered list of steps) To conduct this experiment . . .*

1.

2.

3.

Part 3: Collecting and Presenting Data (7.3S.2)

A. Field notes/ Journaling Observations *(Qualitative):*

B. Data Table:

Topic:					

C. Graph ***Title:***_____

Key:

D. Conclusion (7.3S.3)

1. *The purposes of this investigation was to . . .*

2. *Our finding show that the hypothesis <u>was/wasn't</u>* supported by the data. The hypothesis was…

3. *The data shows that . . .*

4. *Possible errors in this experiment were . . .*

   The errors affected the lab by . . .

5. *To minimize or eliminate errors. . .*

6. *Future experiments should . . .*