

SPARK Science Lab Worksheet

SPARK Hybrid Education Center | Upper Apr Lab Wk2: Research Writing

Student Name: _____

Date: _____

Purpose

Investigate: Research Writing

Materials

- * Materials for advanced research writing lab
- * Protective equipment
- * Data sheets
- * Calculator

Procedure

1. Review background: Write introduction and background; integrate evidence from s
2. Form a detailed hypothesis with expected data ranges.
3. Conduct lab: Write analysis and discussion sections connecting to course
4. Record quantitative data with units.
5. Calculate results and determine percent error where applicable.

Data / Observations Table

Trial/Sample	Independent Variable	Dependent Variable M	Calculated Value	% Error

Analysis Questions

1. What was the quantitative result of this Research Writing lab?

2. Was your hypothesis supported? Cite specific data values.

3. Calculate the percent error if an accepted value is known.

4. What systematic error might affect these results? How would you eliminate it?

Conclusion

In my own words, what did I learn from this lab?