

SPARK Science Lab Worksheet

SPARK Hybrid Education Center | Upper May Lab Wk4: Celebration & Reflection

Student Name: _____

Date: _____

Purpose

Investigate: Celebration & Reflection

Materials

- * Materials for advanced celebration & reflection lab
- * Protective equipment
- * Data sheets
- * Calculator

Procedure

1. Review background: Return assessments; celebrate growth; frontiers of science d
2. Form a detailed hypothesis with expected data ranges.
3. Conduct lab: Things science can't explain yet - open discussion; summer r
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 Celebration & Reflection 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?