

SPARK Science Lab Worksheet

SPARK Hybrid Education Center | Upper Feb Lab Wk4: Environmental Policy

Student Name: _____

Date: _____

Purpose

Investigate: Environmental Policy

Materials

- * Materials for advanced environmental policy lab
- * Protective equipment
- * Data sheets
- * Calculator

Procedure

1. Review background: Ecosystem services; biodiversity value; tragedy of the common
2. Form a detailed hypothesis with expected data ranges.
3. Conduct lab: Evaluate a real Florida environmental policy; debate format
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 Environmental Policy 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?