

SPARK Science & Technology

SPARK Hybrid Education Center | Sci Method Wk1: Observation & Hypothesis

Student Name: _____

Date: _____

Section 1: Multiple Choice

1. First step in scientific method?

- Experiment
- Observation
- Conclusion
- Analysis

2. Variable you CHANGE is called:

- Dependent
- Constant
- Independent
- Control

3. A hypothesis must be:

- True
- Proven
- Testable
- Final

4. Which is an observation (not inference)?

- Bird is sick
- Bird has red feathers
- Bird ate bad food
- Bird will die

5. If a chemical spills on you:

- Wipe it off
- Tell teacher later
- Rinse with water immediately
- Ignore if small

Section 2: Short Answer

1. Explain the difference between an observation and an inference.

2. Write a hypothesis for: What happens to plant growth with different amounts of water?

3. Name 3 lab safety rules and explain why each matters.

Multiple Choice Answers:

1. B
2. C
3. C
4. B
5. C