SPARK Science & Technology

SPARK Hybrid Education Center | Upper May Wk1: Interdisciplinary Science

Student Name: _____ Date: _____

Section 1: Multiple Choice

1. Which best describes Interdisciplinary Science?

A simple observation

A complex scientific concept

A math formula

A social study

2. Higher-level analysis requires:

Just reading

Data, evidence, and reasoning

Memorization only

Creative writing

3. Scientific models are useful because:

They are always correct

They simplify complex systems

They eliminate all error

They replace experiments

4. Peer review improves science by:

Slowing down publication

Having experts evaluate research

Making all results public

Removing data

5. Advanced lab procedures require:

Safety, precision, and repeated trials

Only one measurement

Skipping the control

Avoiding calculations

Section 2: Short Answer

1. How does the concept of 'energy conservation' apply in biology, chemistry, AND physics?

_____

_____

_____

2. Describe the lab activity and what you expected to find: Systems thinking: feedback loops in ecosystems, body, climate, circuits

_____

_____

_____

3. How does Interdisciplinary Science connect to what you learned previously in science?

_____

_____

_____

TEACHER ANSWER KEY | Upper May Wk1: Interdisciplinary Science

Multiple Choice Answers:

1. B
2. B
3. B
4. B
5. A