

SLINKY LAB

Problem: *How do waves travel in a spring?*



RESTATE THE QUESTION

Restate or reword the question and turn it into a statement.



ANSWER THE QUESTION

What is being asked? Answer all parts of the question.



CITE THE SOURCE

Tell where you found examples and details.

*In paragraph 2... The lab results show...
From my data... The article states...*



EXPLAIN YOUR RESPONSE

Give evidence from your lab or the text to support your answer. Add your thoughts to create a general scientific rule.

**R
A**

Conclusion:

Claim (Educated response to the question) -

C

Evidence (2-3 pieces of data or information that supports the claim) -

Reasoning (Restate the "Claim" with a nibble of your "Evidence" and a general scientific statement to back it up)

**R
A
C
E**

As you read The Nature of Waves, text render each section. Look for the main idea and a key word of the section.

TLW: I can describe how waves transfer energy and identify two types of waves.

Section 1: The Nature of Waves

Main Idea: _____

One word summary (key word): _____

Section 2: Waves Carry Energy

Main Idea: _____

One word summary (key word): _____

Section 3: Energy Transfer Through a Medium

Main Idea: _____

One word summary (key word): _____

Section 4: Energy Transfer without a Medium

Main Idea: _____

One word summary (key word): _____

Section 5: Types of Waves

Main Idea: _____

One word summary (key word): _____

Section 6: Transverse Waves

Main Idea: _____

One word summary (key word): _____

Section 7: Longitudinal Waves

Main Idea: _____

One word summary (key word): _____

Section 8: Combinations of Waves

Main Idea: _____

One word summary (key word): _____