

Physical Science 6

(Copy the following lab activity set up in your science notebook.)

Title: Activity 12 "Kinetic and Potential Energy"

Stated Problem: What are kinetic and potential energy?

Background:

What do you know about kinetic energy? (Explain and give examples from your Rube-Goldberg design.)

What do you know about potential energy? (Explain and give examples from your R-G design.)

Hypothesis: *None.*

Vocabulary:

Word	Definition	Picture
kinetic energy		
potential energy		
mechanical energy		

Materials:

Motion, Forces, and Energy book

Procedures:

1. Read pages 88 - 95 in *Motion, Forces, and Energy* book.
2. Answer questions #5 - 7 and 9 - 16 & 20 beginning on page 90. Write answers in science notebook in Data/Results section.
3. Do Lesson Review on page 97, questions 1 - 9. Write answers in science notebook in Data/Results section.

Data/Results:

(Write observations, make drawings, and answers questions from book reading in your science notebook under this section,)

Conclusion:

Write three facts that you learned from the book reading.
