PART A:

NAME	DATE
	en an ideal spring that can expand or be compressed and available in a school physics laboratory.
Experimental Design The spring constant has already been the students need to put together an energy. They need to show that where of elastic potential energy, all this end the students are given a cart with be friction, and a wooden block and has	en found by an experiment the students performed earlier. Now a experiment to demonstrate the conservation of mechanical en all the mechanical energy of a system is initially in the form nergy is transformed into another form of mechanical energy. The earings of negligible friction, a track that exerts negligible we access to other commonly available equipment.
energy and give a list of equipment to	netup that could be used to show conservation of mechanical to be used. Outline a procedure whereby the student could asservation of mechanical energy. Specifically explain how the sting experimental error.
What Needs to Be Measured and Algebraic Symbols	Procedure:

Labeled Diagram of the Setup

Data Analysis Explain how the measurements taken can be used to determine whether mechanical energy we conserved. Be sure to state specific types of energy and the systems to which those types of energy belong.				
Explain how the measurements taken can be used to determine whether mechanical energy we conserved. Be sure to state specific types of energy and the systems to which those types of				
Explain how the measurements taken can be used to determine whether mechanical energy we conserved. Be sure to state specific types of energy and the systems to which those types of				
Explain how the measurements taken can be used to determine whether mechanical energy we conserved. Be sure to state specific types of energy and the systems to which those types of				
Explain how the measurements taken can be used to determine whether mechanical energy we conserved. Be sure to state specific types of energy and the systems to which those types of				
Explain how the measurements taken can be used to determine whether mechanical energy we conserved. Be sure to state specific types of energy and the systems to which those types of				
	Explain how conserved.	v the measurements Be sure to state spec		

Procedure:

4.D Spring Potential Energy

PART C:	If the spring constant turns out to be larger than they initially measured it to be, how would that affect their results from the conservation of energy experiment?					