



Name _____ Date _____

EXPLORATIONS

Exploration Student Worksheet: Changing the Form of Energy

Overview

In this Exploration, you will learn how energy changes form. You will explore several examples of energy changing from one form to another.

Questions

1. How does energy change form when a person rides a bike??

2. Compare and contrast a battery with a yo-yo.

3. How does energy change form when a rocket takes off?

How to Use This Exploration

1. Read the Introduction and click the **Continue** button.
2. Read the text and follow the instructions.
3. Watch the animations and read the outcome explanations as they appear. Record results in the data table.
4. Click the **Reset** button to restart the screen. Click the **Previous** button to go back to the previous instruction. Click the **Next** button to move ahead in the Exploration.
5. Click the **Close** button to close the Exploration.

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Data

Example	Initial Forms of Energy	Changed Forms of Energy
Plucking a guitar string	mechanical	
Riding a bike	chemical	
Solar cooker	light	
Rocket Fuel	chemical	