# Lab #1

## How can energy change its form?

Date: Friday, October 28, 2011 Class: Jones/Paul

Objective: Identifying and measuring changes in energy

Group Members and Roles:

Group Captain: _____

Materials Manager: _____

Time Manager: _____

Data Manager: _____

Prediction or Hypothesis: What do you think is going to happen in this experiment? Why do you think this? Remember to apply what you learned yesterday about how energy can never be created or destroyed. It changes from one form to another. _____

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| DATA SHEET | Temperature reading before inserting into sand. | Temperature of sand one minute after inserting into sand. | Temperature of sand after shaking for 10 minutes. | Temperature of sand one minute after shaking stopped. | Temperature of sand five minutes after shaking stopped. |
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What did you observe about temperature? Did the temperature change? If so, how did the temperature change? What do these changes in temperature tell you? Do these results support your prediction or hypothesis?_____

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