Activity 02 – Forms of Energy

Overview
An image projected on the video screen in class illustrates a form(s) of energy. Everyone reviews the illustration quietly and then one person explains the situation to his or her neighbor. This is repeated a few times for different types of energy situations. Each situation is discussed in class with instructor.

Procedure
1. Form into groups of four.
2. Look at image projected in class.
3. Take 2 minutes to assess and think about the form(s) of energy, silently.
4. Take 3 minutes to discuss form(s) of energy. Include the following in your discussion:
   - Identify the system.
   - Is the system open or closed?
   - What forms of energy are present?
   - What properties are needed to quantify the energy?
   - How can the energy change? What properties would change?
5. Report out to class answers to above.
6. Repeat.

1. Bicyclist
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<thead>
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<tbody>
<tr>
<td>2</td>
<td>Piston-cylinder</td>
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<tr>
<td>3</td>
<td>Swimming pool</td>
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<tr>
<td>4</td>
<td>Water tank</td>
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