

## Radiometer Demo 1 Questions:

1. What indicators of energy transformation did you record when you were passing the radiometer around? If you observed an indicator of energy transformation, what type of energy do you think was transformed into what other type of energy?
2. What indicators of energy transformation did you record when the flashlight was held 1 m from the radiometer? If you observed an indicator of energy transformation, what type of energy do you think was transformed into what other type of energy?
3. What happened when the flashlight was turned off? Does this confirm your thoughts in *Steps 1* and *2*? Why or why not? Record your reasoning in the *Causes* column of your table.

## Radiometer Demo 2 Questions:

1. What do you think is the source of energy for the motion of the flags in the radiometer?
2. Why do you think the radiometer reacts differently to a flashlight that is close to it than to a flashlight that is farther away?
3. Now think about the flashlight. What indicators do you have that energy is being transformed when the flashlight is turned on? What form of energy is being transformed to what other form of energy?