

Energy

Names:

Consider the following story:

I ate breakfast and then went outside. I got on my bike and started to ride it over a horizontal road to the top of State Ave. I then coasted down the hill, picking up speed as I went. At the bottom of the hill, I had to brake hard to avoid hitting a parade of penguins on their way to buy new iPhones.

There are several places in this story where energy changes form. For each, write down the transfer in a short sentence in a form akin to "_____ energy was converted to _____ energy via the process of _____," where the first two blanks would be types of energy and the last would be some process ("jumping" or "running an unlicensed nuclear power plant") that converts energy from one form to another.

Stretch: Trace the energy that I started with back as far as you can using the same format (but in reverse).