

According to Newton's **First** Law of Motion... An object in motion will stay in motion unless acted upon by an outside force.

List at least 2 examples of **kinetic** energy? For example, a skier moving down a hill or an arrow being released from a bow.

List at least 2 examples of **Potential** energy? For example, a skateboarder at the top of a ramp or

Explain what happened during the cart launcher experiment when the elastic cord was stretched back to launch the cart.

Explain how friction interferes with acceleration of an object. Give an example from our class experiments.