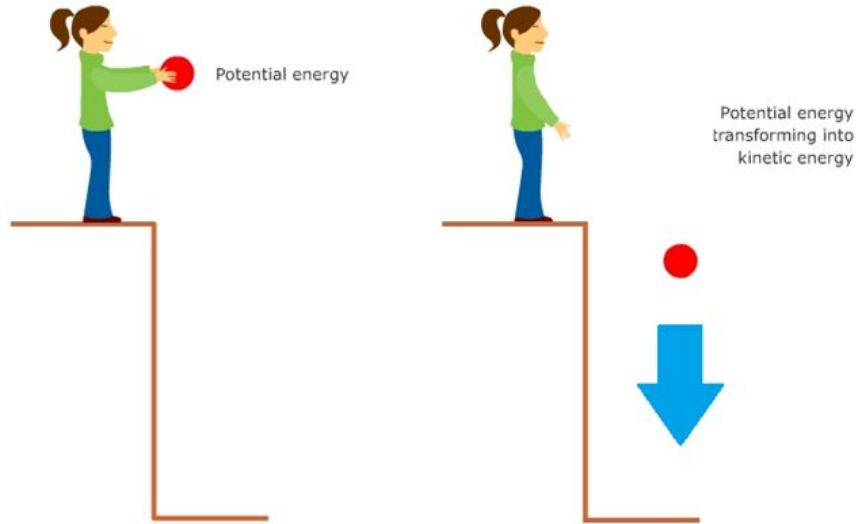


POOL NOODLE ROLLER COASTER

# GRAVITATIONAL POTENTIAL ENERGY

-The energy a body with mass has in relation to another massive object (Earth) due to gravity



# KINETIC ENERGY

-Energy that a body possesses by virtue of being in motion



# SPEED

- The rate at which something is able to move or operate
- To calculate:  $\text{distance/time}$

# AVERAGE SPEED

-The sum of speeds divided by the total number of speeds added together.