

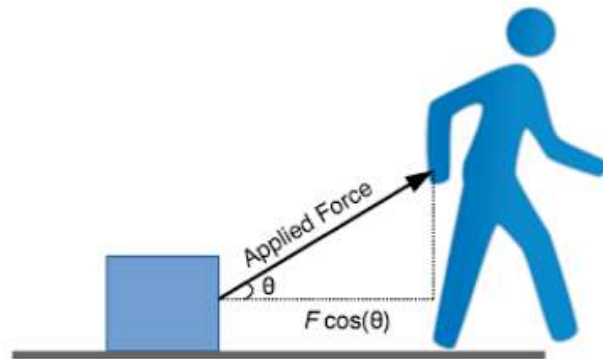
Potential and Kinetic Energy

Mr. G. Martinez
8th grade Science

TEKS 6.8 (A)

Energy

**The ability to do work
or create a change on
the position or
motion of an object**



Potential Energy

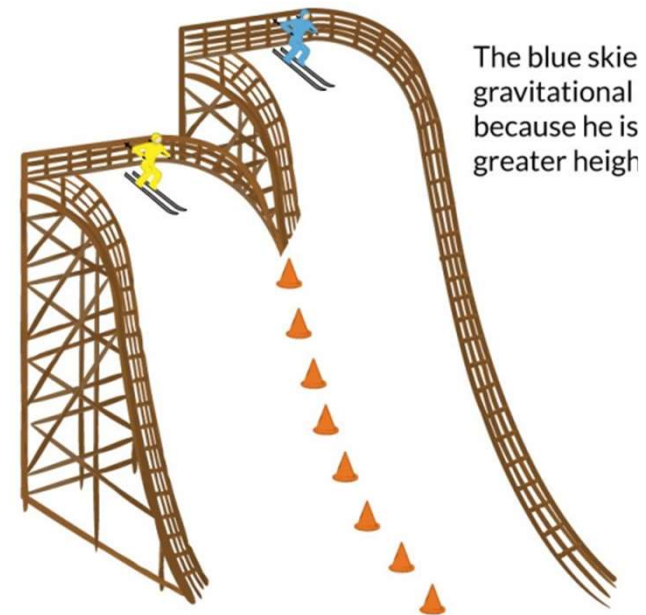
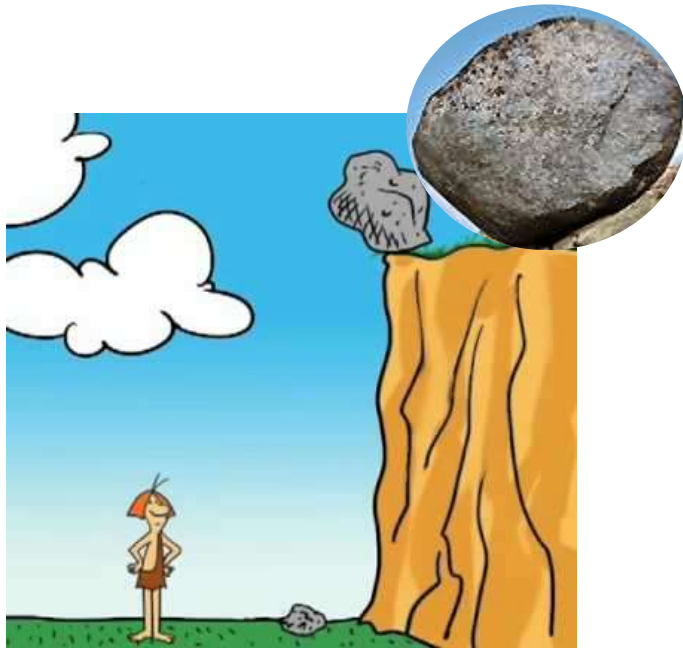
Stored energy in
objects due to its
position or chemical
bonds



Potential Energy

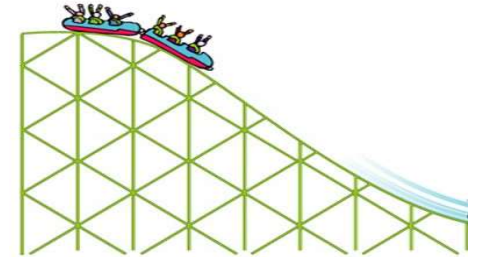
More mass = more PE

More height = more PE

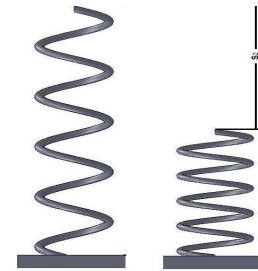


Types of PE

-Gravitational



-Elastic



-Chemical

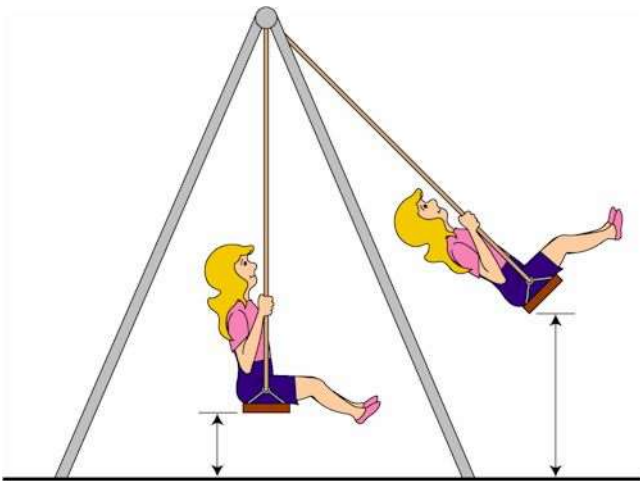


-Nuclear



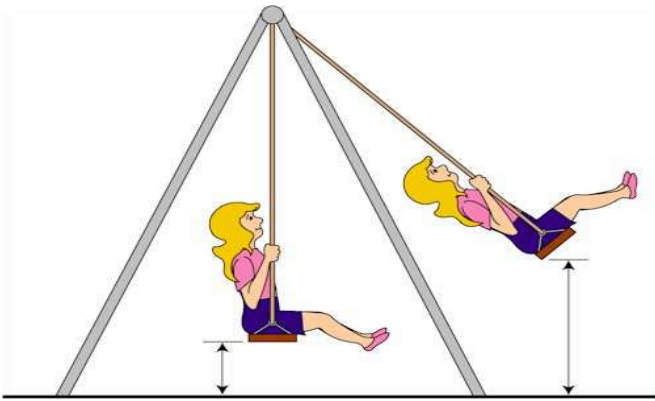
Kinetic Energy

Energy that an object has due to its motion



Kinetic Energy

**The faster the motion,
the more kinetic
Energy**



Types of KE

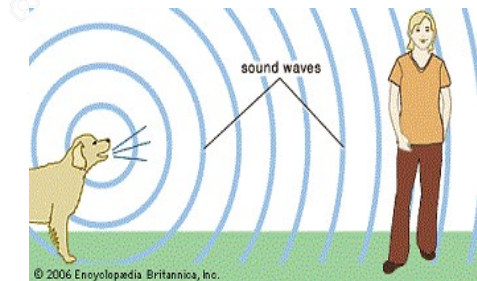
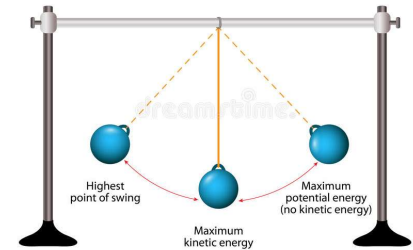
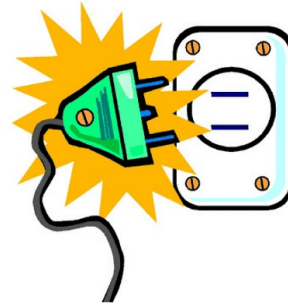
-Mechanical

-Electrical

-Thermal

-Radiant

-Sound



Law of Conservation of Energy

**Energy cannot be
created nor destroyed,
it can only be changed
from one form to
another**

Copy the following questions on your foldables on page 11 of your CB and answer the questions using the slides given

