

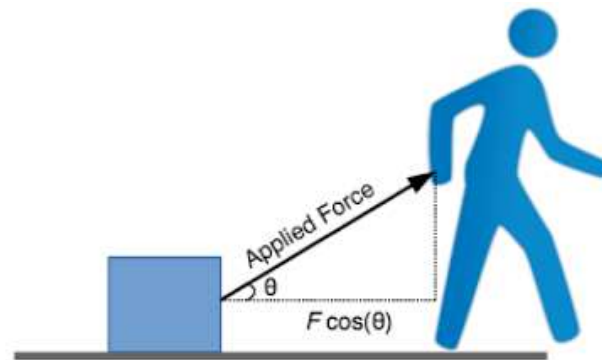
Potential and Kinetic Energy

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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**



Law of Conservation of Energy

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

Potential Energy

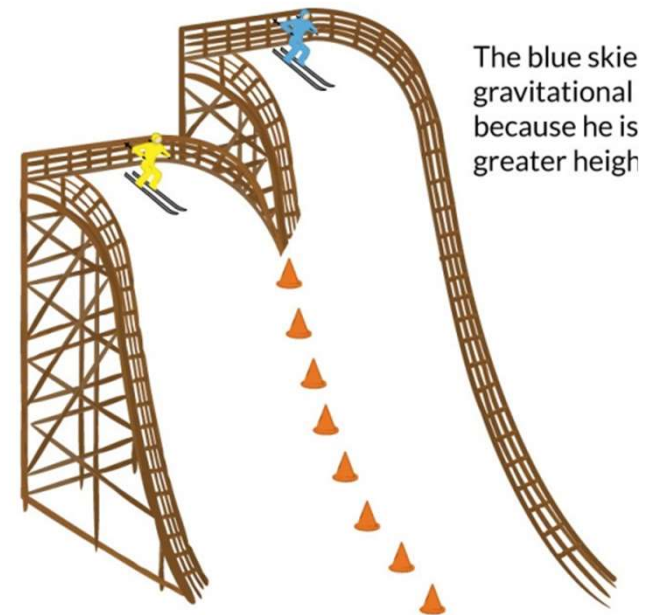
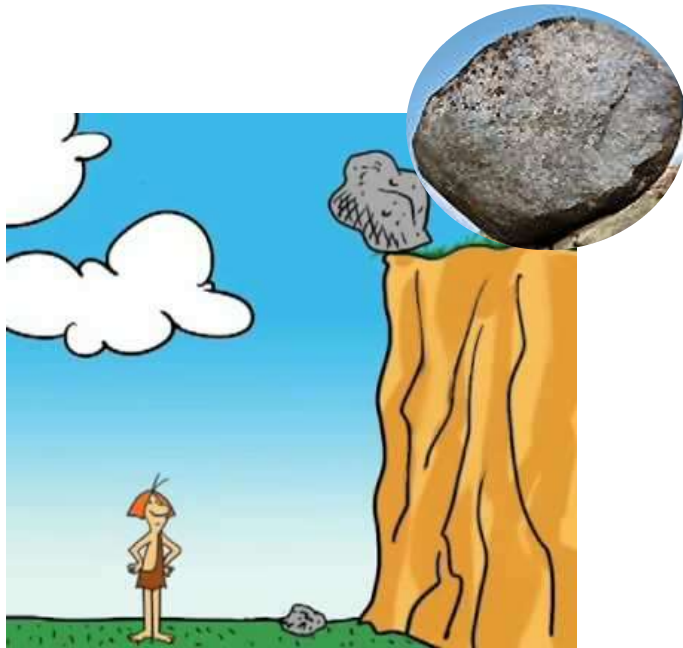
Stored energy in
objects due to its
position or chemical
bonds



Potential Energy

More mass = more PE

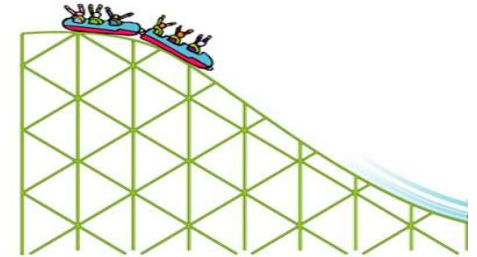
More height = more PE



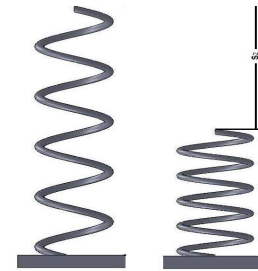
The blue skier is gravitational because he is greater height

Types of PE

-Gravitational



-Elastic



-Chemical

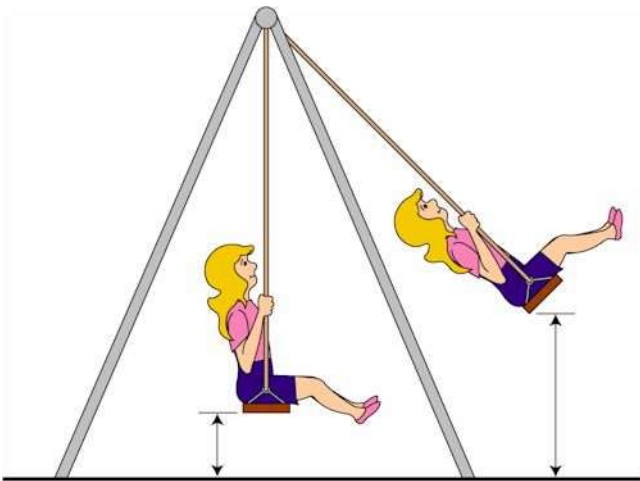


-Nuclear



Kinetic Energy

Energy that an object has due to its motion



Types of KE

-Mechanical

-Electrical

-Thermal

-Radiant

-Sound

