

Potential Energy



How is all energy divided?

Potential
Energy

Kinetic
Energy

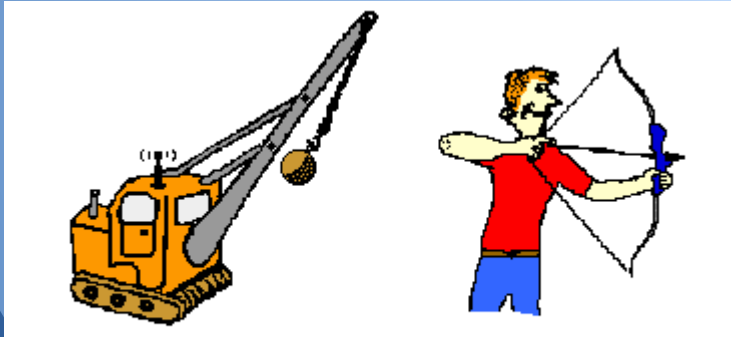
Gravitational

Elastic

Chemical

What is Potential Energy?

- Energy that is stored and waiting to be used later.



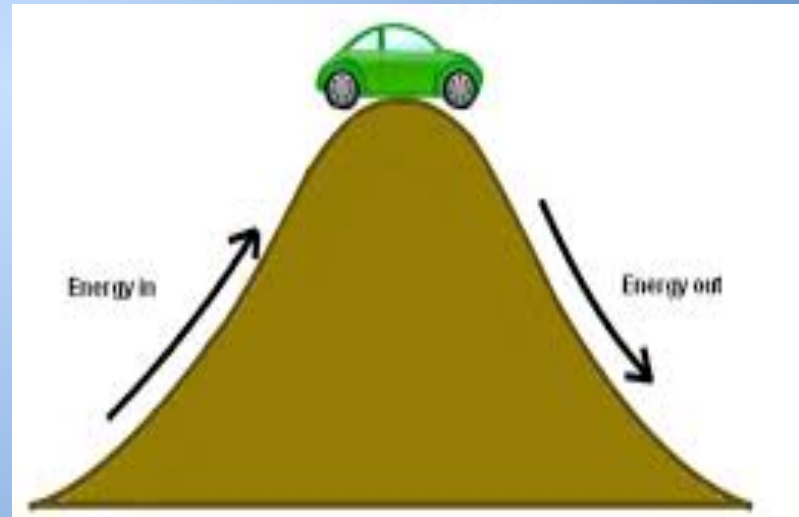
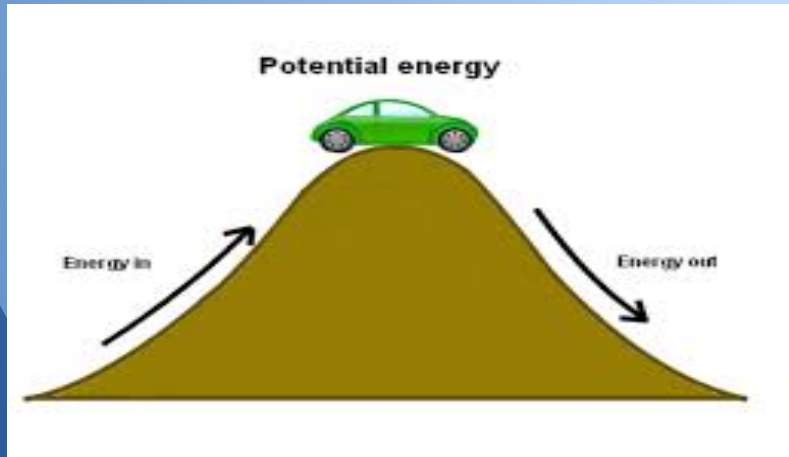
Gravitational Potential Energy

How Do Weight And Height Affect
Gravitational Potential Energy?

What is Gravitational Potential Energy?

$$\text{GPE} = \text{mass} \times \text{height} \times \text{Gravity}$$

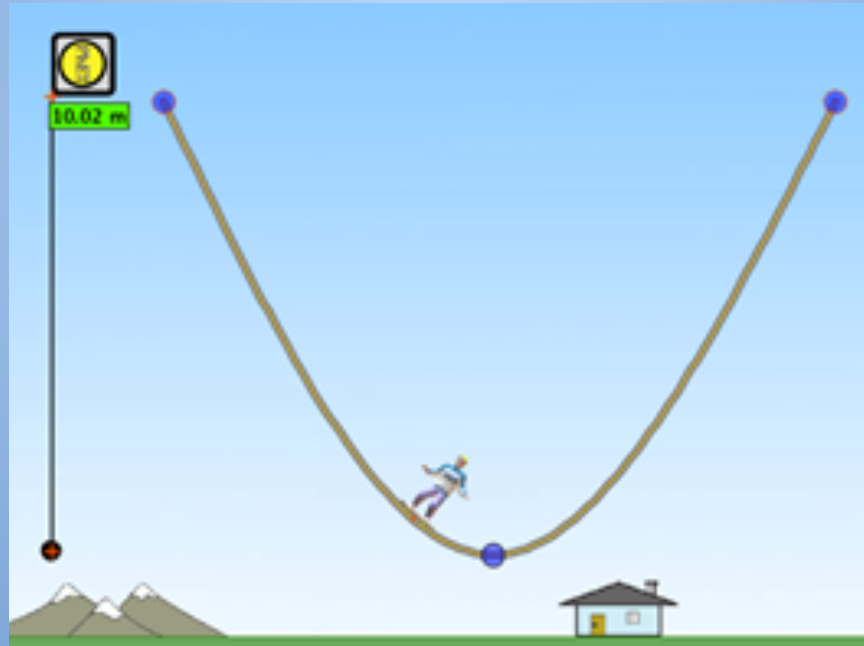
How Do Weight And Height Affect Gravitational Potential Energy?



Trebuchet



Gravitational Potential Energy Practice



Roller Coaster Challenge