

## POTENTIAL ENERGY TYPES

**Force vs. Energy** – Remember that force is a push or pull. Energy is the thing that allows the push or pull to happen.

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### CATEGORIES OF ENERGY

Kinetic energy is....

types:

examples:

**Potential energy** is energy that is stored, waiting to be used, based on the object's position – like in a gravitational, electrical, or magnetic field, for example. When an object has potential energy, it is ready to do something. It has the potential to turn into energy that can move or change something. The more work you have to do to the object, the more potential energy is stored.

**types:** elastic, chemical, magnetic, electrical, gravitational

Energy can transform into other types of energy, which is how we see potential energy used to cause motion in objects.



**Glue this side into your notebook**



POTENTIAL ENERGY TYPE	WHAT IS IT? (the ability to do work ( <i>change or move things</i> ) because. . .)	HOW CAN THE AMOUNT CHANGE?	EVIDENCE + EXAMPLES FROM THE LAB
Gravitational Potential Energy			
Elastic Potential Energy			
Chemical Potential Energy			
Electrical Potential Energy			
Magnetic Potential Energy			