

Solar Bags

Energy exists in many forms

Potential Energy

Kinetic Energy

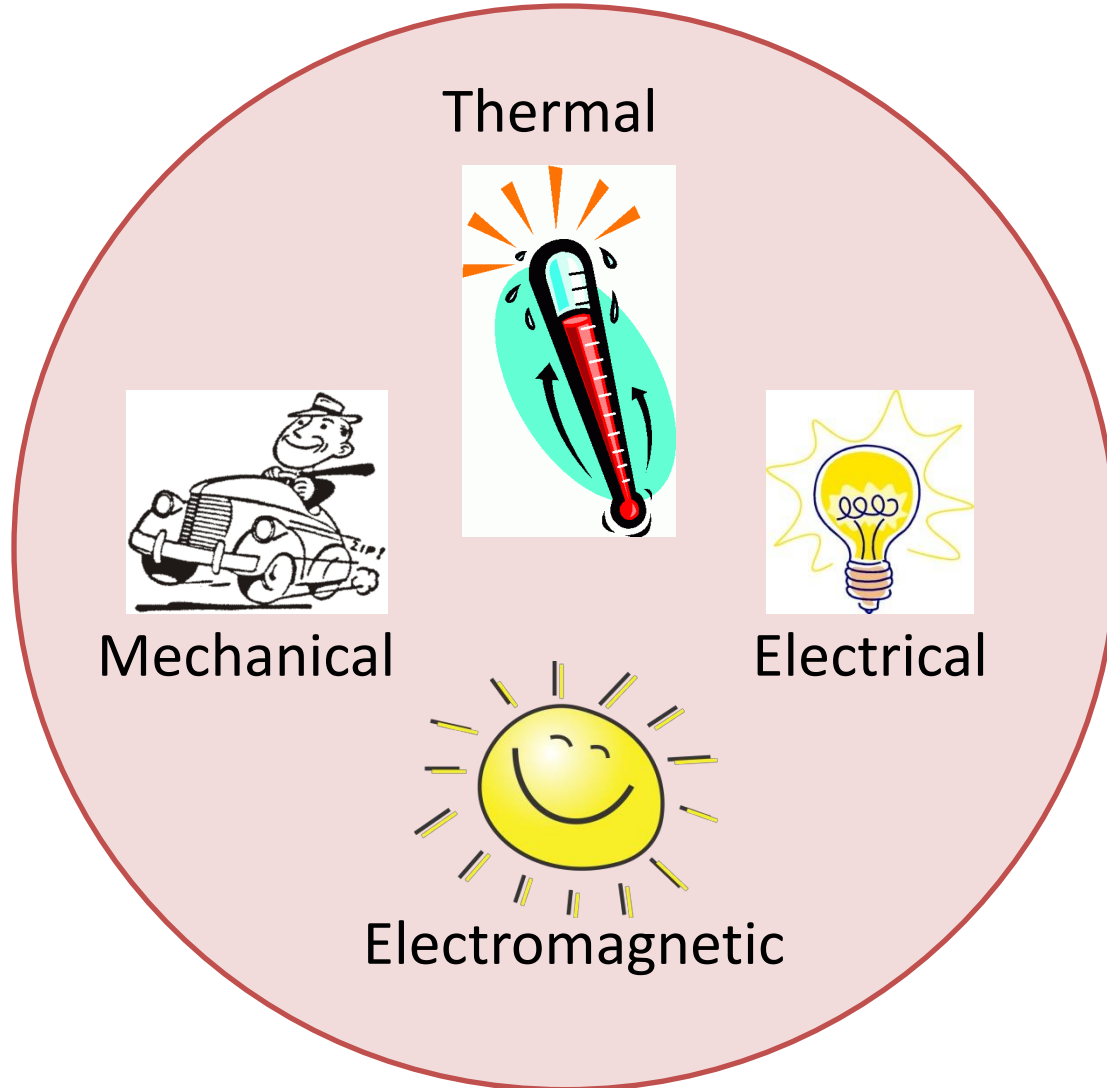
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Potential Energy

Kinetic Energy

Kinetic Energy

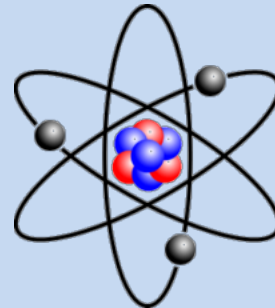


Potential Energy

Gravitational

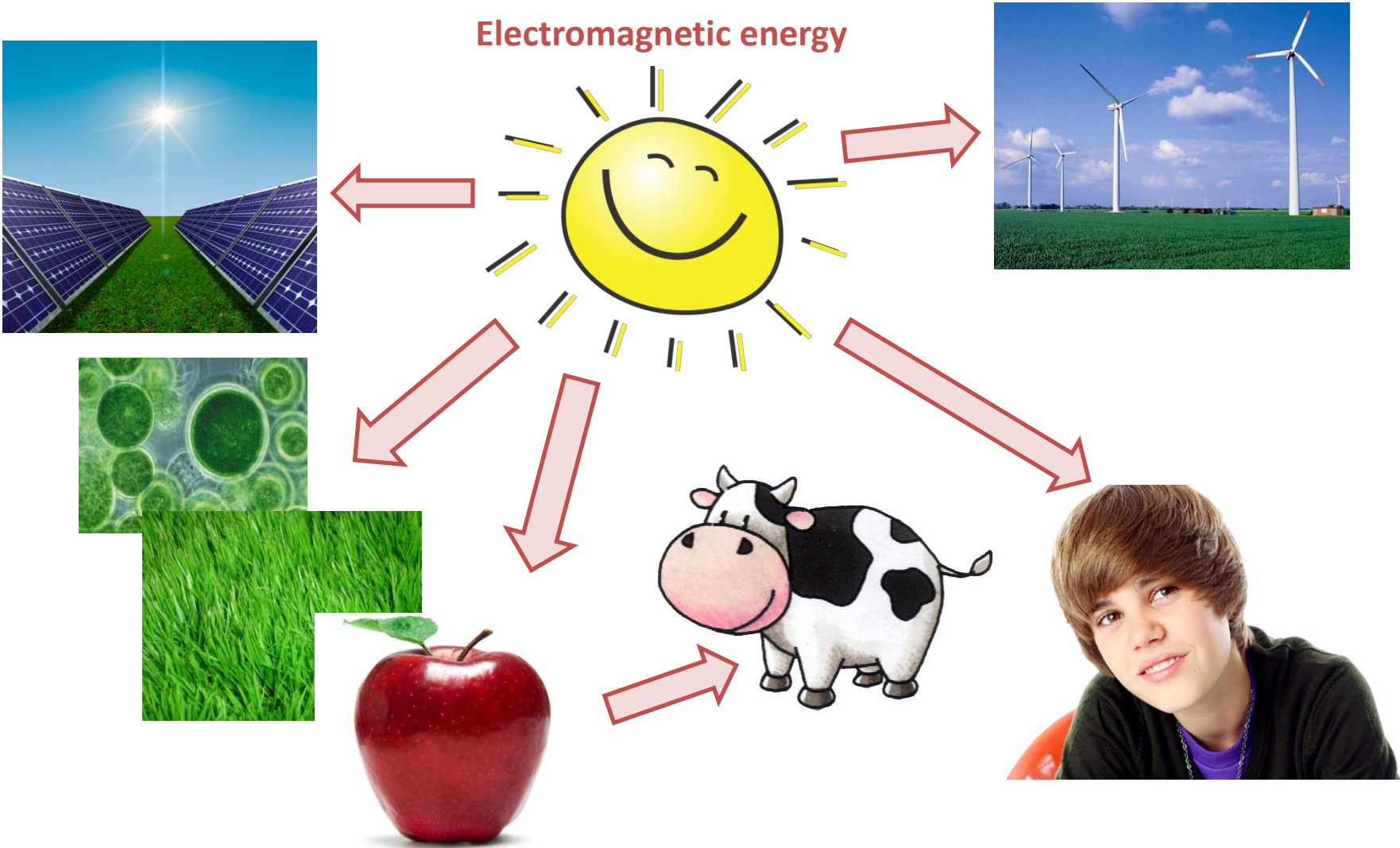


Chemical

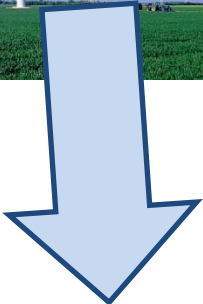
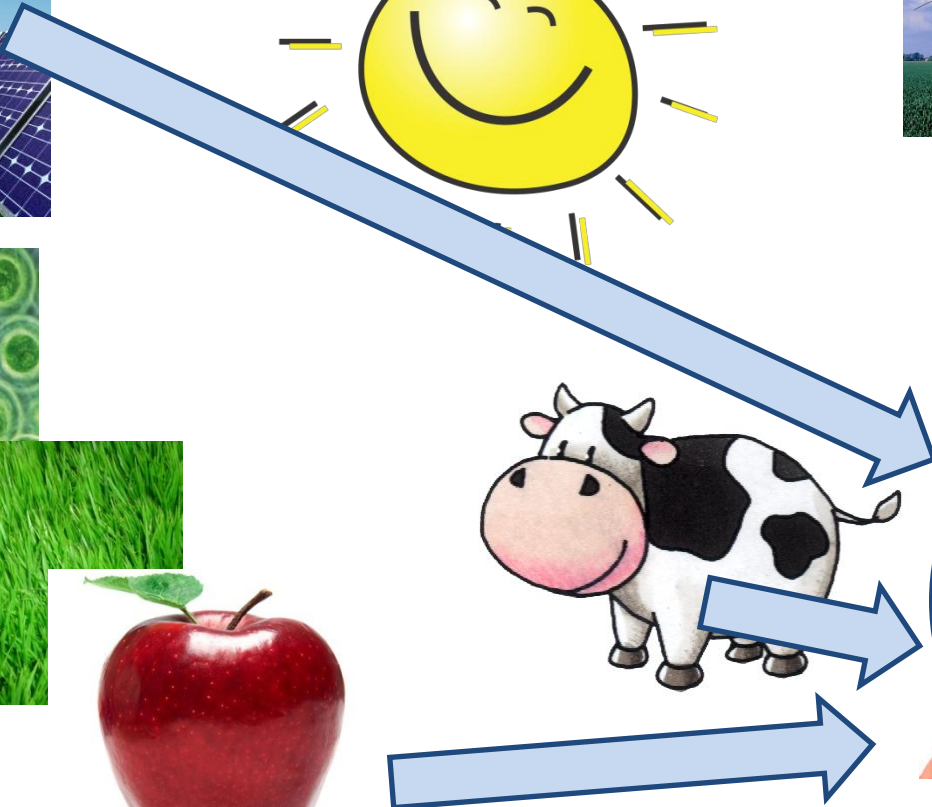
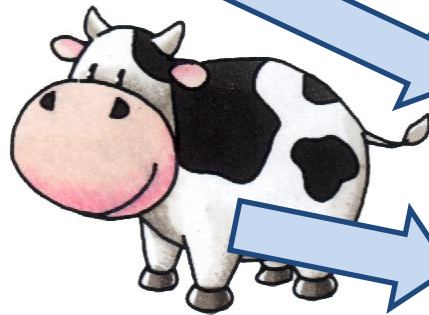
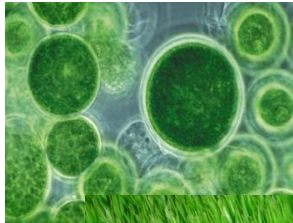


Nuclear

Most energy on the Earth comes from the Sun!



Most energy on the Earth comes from the Sun!



Solar Bag

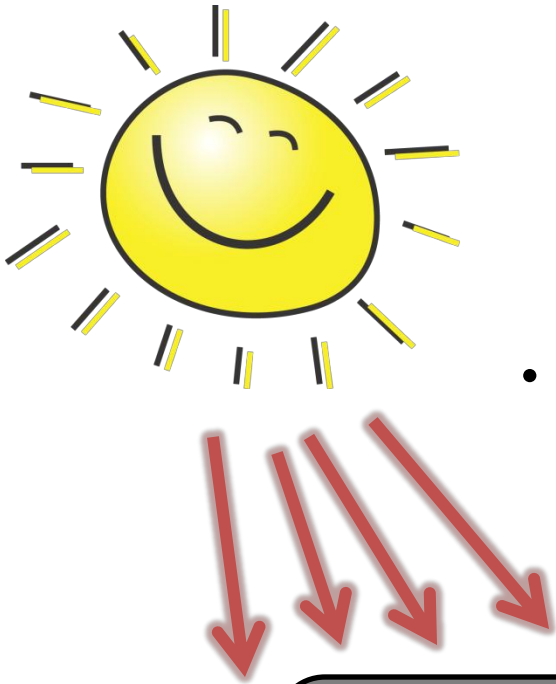
- The solar bag collects electromagnetic energy from the sun and converts it to thermal energy. This thermal energy heats up the air inside the bag and makes the bag float!



Solar Bag

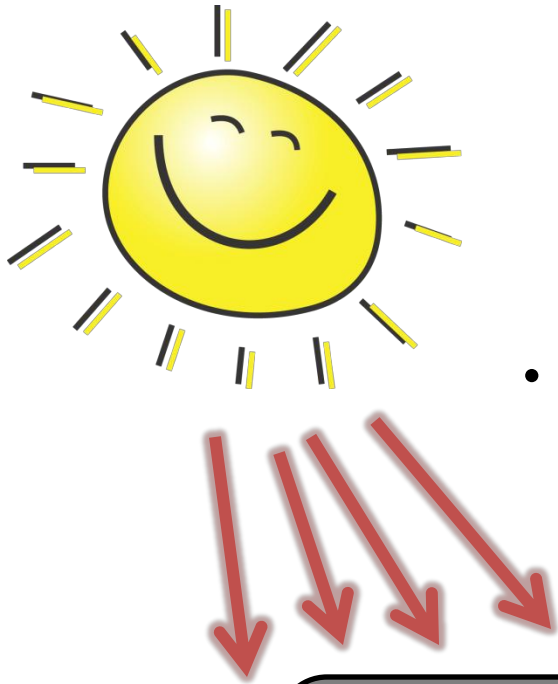


Solar Bag

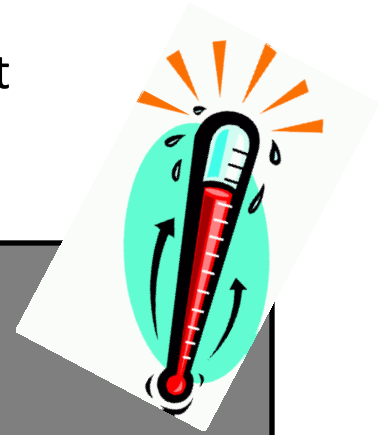


- **Dark colored material:** Absorbs electromagnetic energy and converts it to thermal energy (it heats up!)

Solar Bag



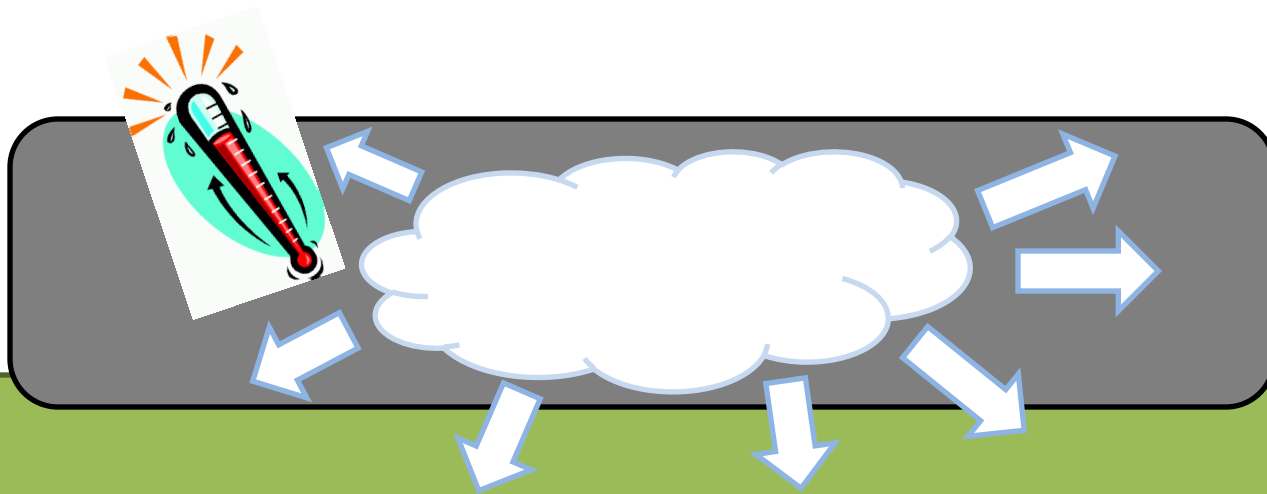
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Solar Bag

- **Air:** Air trapped inside the solar bag heats up, expands, becomes less dense, and floats!



Solar Bag

