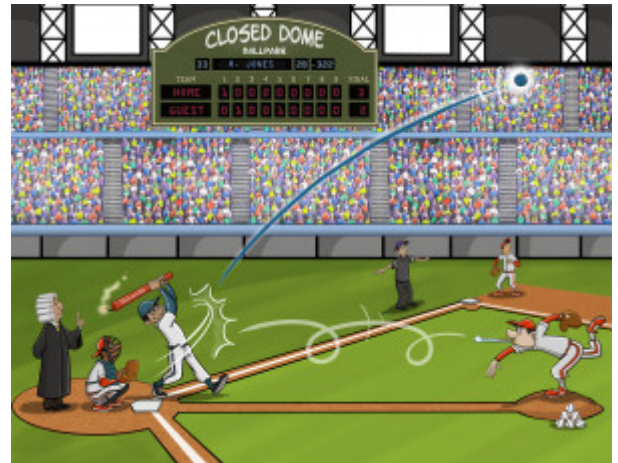


## First Law of Thermodynamics



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### Closed System

#### Closed Dome

The first law dictates that the total amount of energy remains the same in a closed system. While energy neither leaves nor enters a closed system, that energy can change within the system.

### Dynamics

#### Dynamite

### Energy

#### Ball

The First Law of Thermodynamics states that energy can neither be created nor destroyed, though it can change from one form to another. This idea correlates to the implication we discussed earlier, that the total amount of energy in a closed system remains constant.