The Laws of Thermodynamics

Physics

All four laws, stated plainly.

The four laws, numbered from zero.

Law	States
Zeroth	If A and B are each in equilibrium with C, they are with each other
First	$\Delta U = Q - W$. Energy is conserved
Second	Total entropy of an isolated system never decreases
Third	Entropy approaches a constant as T approaches absolute zero

The first law forbids a perpetual motion machine of the first kind; the second forbids one of the second kind.