











## Reading question

In the reading you said that energy always flows from the hot object to the cold and not vice versa. But then you said when we zoom in and look at individual molecules, energy is continually exchanging among the molecules, and there are fluctuations, with some molecules having more energy than others. If this is the case, why don't we say there is an exchange of energy between the hot and cold molecules but the cold molecules end up absorbing the most energy? Do the hot molecules really not absorb any energy from the cold molecules?

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