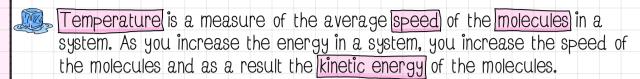
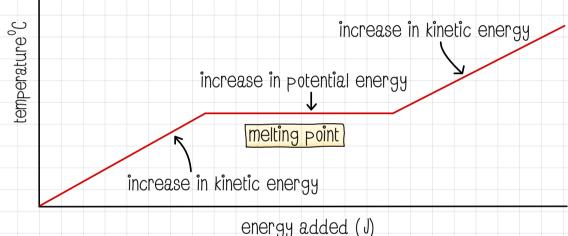
Heating and cooling graphs

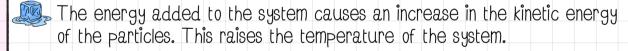
Energy changes in a system



Many people think that a heating curve for water would look like this:

Instead the heating curve actually looks like this:





However, at the melting point the temperature remains constant. This is because the energy is being used to break the interactions between the molecules. The energy is being transferred into the potential energy store and not the kinetic energy store.

