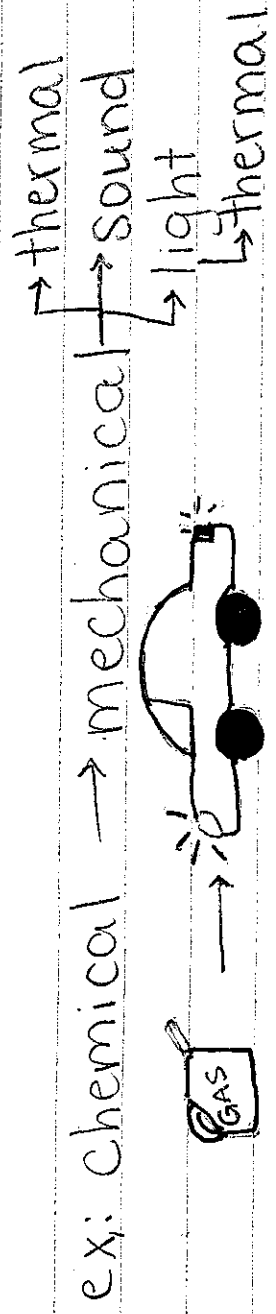


Transfer of Energy

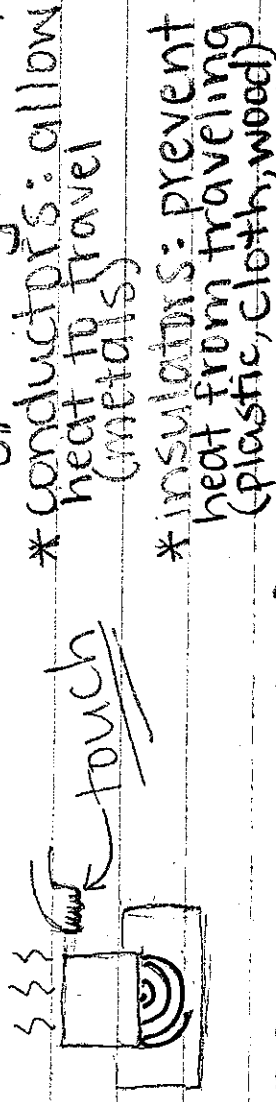
Law of Conservation of Energy -

Energy cannot be created or destroyed, it can only be transferred from one form to another.



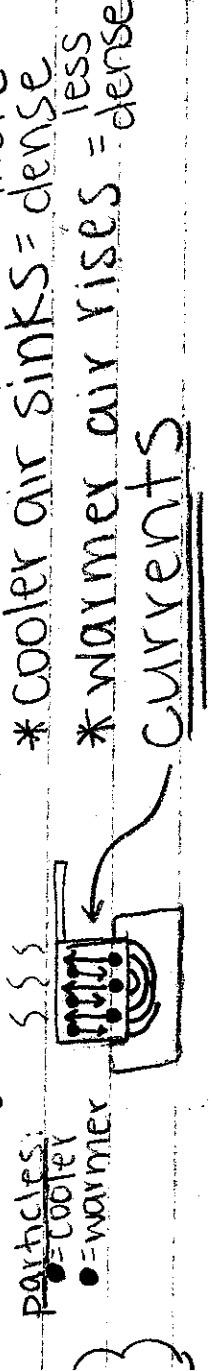
Transfer of heat energy: hot travels to cold (until = temperature)

Conduction - movement of energy through touch



- * conductors: allow heat to travel (metals)
- * insulators: prevent heat from traveling (plastic, cloth, wool)

Convection - movement of energy through liquids + gases in currents



- * cooler air sinks = dense
- * warmer air rises = less dense

Radiation - movement of energy through "space" (not by touch)

