

Integrated movie

- What is it
 - Will do an example of each thermal energy transfer unit at home and video it. (Use Radiation, conduction, and convection)
- Steps:
 - Heating up a pot of water on the stove
 - Explaining how electricity is used to heat up my stove by conduction
 - The heat from electric current from one substance to another by direct contact which heats up the water
 - Skip to when water is boiling
 - Explain how the boiling water shows convection.
 - The heat from the stove started molecular motion which causes the bubbling water
 - Put a cup of water in the microwave
 - Explain why radiation heats up the water
 - Microwaves emit radiational waves that helps heat up objects in the microwave. Doing so would be the source of heat transfer is radiation since there are radiated rays and waves involved in the process.