**Guided Notes: Kinetic and Thermal Energy**

motion

total

kinetic

molecular

potential

potential

thermal

kinetic, kinetic

thermal

**Guided Notes: Matter and Temperature**

atoms, molecules

motion

kinetic

thermal

average

temperature

kinetic

change

liquid, gas/vapor, kinetic

kinetic, kinetic

**Guided Notes: Energy Transfer and Temperature**

motion

faster

average

kinetic

transfer

warmer, cooler

temperature

average

kinetic, lower

higher, kinetic

**Guided Notes: Kinetic Energy Transfer**

energy

temperature

kinetic

relative

vibrations, movement

potential

potential

temperature

average

kinetic, potential

kinetic, potential

**Guided Notes: Thermal Energy Transfer**

fluids

hot, cold

kinetic

dense

rise

sink

convection

liquids, gases

kinetic, potential

kinetic, potential