

Conduction, Convection, and Radiation Modified

Use INB Template or this guide

Thermal (heat) Energy

Energy that is generated by a _____ and measured by _____.

Can be _____.

Examples:

_____ energy

_____ energy

Conduction

The movement of heat or electricity through _____.

_____ are good conductors, particularly _____.

Convection

The transfer of thermal energy through a _____ (gas or liquid).

Due to differences in _____.

Hot fluid _____ while cold fluid _____.

Radiation

Energy transmitted in _____ or a stream of particles.

Travels through _____ and other types of _____.

Examples of Conduction – (direct contact)

_____ a metal spoon in a cup of hot liquid.

Example of Convection – (hot rising, cold sinking)

_____ rising and falling in a pot of boiling water.

Examples of Radiation - (waves or particles of energy)

Laying out in the _____ at a beach.