

The Movement of Heat

#	TERM	DEFINITION
1	HEAT	The kinetic energy of tiny moving particles
2	CONDUCTION	The transfer of heat energy between objects that TOUCH each other; <ul style="list-style-type: none"> - Usually solid or liquid - Moves from warmer material to the cooler material - Ex. From warmer sand to the cooler bottoms of your feet
3	CONVECTION	The transfer of heat energy through a liquid or gas by means of CURRENTS <ul style="list-style-type: none"> - MOVEMENT of matter - Particles move around and bump into each other - Ex. Water in a pot that is heating up to boil
4	RADIATION	The transfer of heat energy through the space; <ul style="list-style-type: none"> - Does not require matter - Travels as waves - Ex. Heat from the sun travels in waves through space to the Earth

Place the words/phrases in the two boxes below in the appropriate place in the Venn Diagram & Discuss.

Compare & Contrast

