Conduction, convection, and Radiation

Last Name:	First Name:	Period:	Date:

Review

	Transfer of heat by	Example
Conduction	Contact	• Touching a hot rod
Convection	Moving of air/liquid Hotter rises Less hot(colder) sinks	❖ Boiling water ❖ Wind ❖ Magma inside the earth
Radiation	Transfer by waves No contact	➢ Sun ➢ Radiator ➢ microwave

Questions 1

Instructions: Label the picture as Conduction, Convection or Radiation

Heat from camo fire 	Heat from you hand melts the ice 	Hotter air raises
You touch a remote control 	Food gets cooked on the hot pavement 	Boiling H2O

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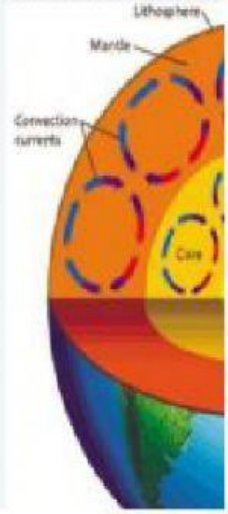
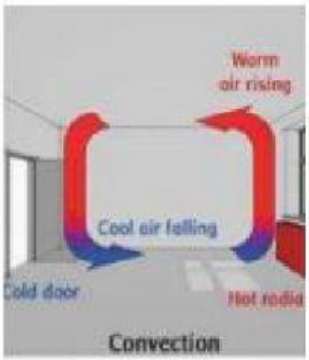
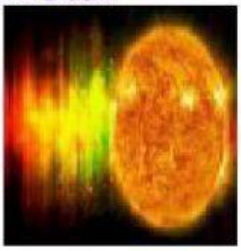
Warn food in a microwave	The hot air from the hairdryer rises and as it cool down sinks	Pan on a stove
Hot magma rises and less hotter sinks 	Heat rises – cold sinks 	Hotter Magma rises and less hotter sinks
Circulation of air	The sun 	Electromagnetic radiation

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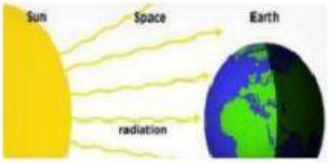
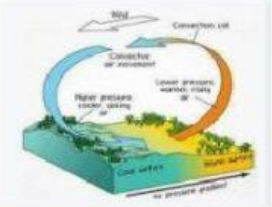
The sun heat  	The air movement is by Con.... 	The wind moves because...
 	Spoon get hotter by contact 	Touching a hot handle

LIVEWORKSHEETS