

Heat Transfer

Cut out the boxes and sort them on the graphic organizer on the next page.
Give the final product in your notebook.

Microwave	Weather	Picking up a hot cup of coffee
Hot air balloon	Esaki's mantle	Putting your wet bathing suit on a fire to dry them faster
Hot plate/burner	Ocean or Lake Currents	Using a heating blanket to get warm
Transfer of heat through contact with EM waves	A person placing their cold hands over a warm fire	
Transfer of heat through a fluid that moves in currents - hot air rises and then falls	A person placing their hand over a hot burner	
Transfer of heat through direct contact with heat source	A pet sitting on a hot burner	
Touching a metal spoon that is sitting in a pot of boiling water	How the inside of a greenhouse works	
Spaghetti rising and falling in a pot of boiling water	Lying out in the sun to get a tan	

After completing the activity, answer these questions.

1. Define/Explain heat transfer.
2. Are heat and temperature the same?