

Heat Transfer Quiz Review Thursday 12-17

VOCABULARY TERM OR CONCEPT	WHAT YOU NEED TO KNOW
Visible Light	All the colors that you see in a rainbow. Each color has a different wavelength.
Electromagnetic Waves	A form of energy that can travel through the vacuum of space.
Infrared Radiation	An invisible form of energy which has wavelengths longer than red light. It is felt as heat.
Ultra-Violet Radiation	An invisible form of energy which has wavelengths shorter than violet light. Ultra violet light can cause sunburns and skin cancer.
Radiation	Heat transferred from the sun through Electromagnetic waves. Electromagnetic waves can travel through the vacuum of space.
Conduction	The direct transfer of heat from one substance to another substance. The substances must be touching.
Convection	The transfer of heat by the movement of a fluid such as a liquid or a gas.
	<ul style="list-style-type: none">• Be able to provide and identify different examples of radiation, conduction, and convection.
	<ul style="list-style-type: none">• Understand how heat moves from an area of high energy (hot) to low energy (cold).
	<ul style="list-style-type: none">• Be able to draw convection current.
	<ul style="list-style-type: none">• Be able to explain how heat transfer occurs in different scenarios.

In addition study INB Pages:

22, 24-27, 28, 29, 30-33

****Extra Help is available before and after school****