

A close-up photograph of a fire with bright orange and yellow flames. The flames are dynamic and swirling, with a dark, charred object visible in the center. The background is dark, making the fire stand out.

# Energy Conduction

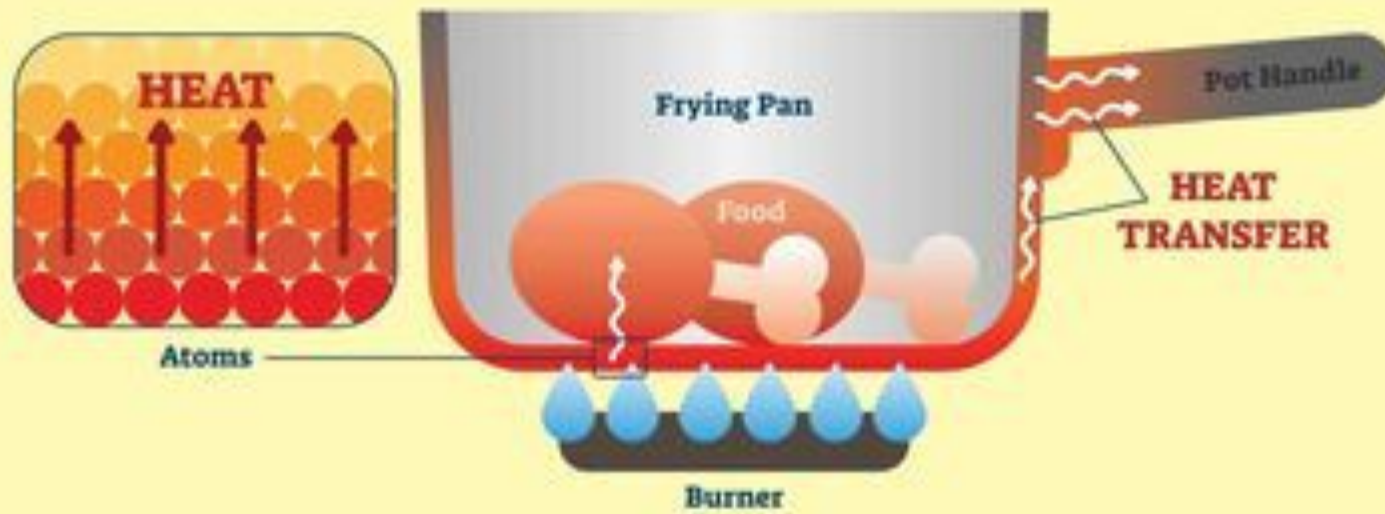
## Section 2

IV. 3 Ways Heat Is Transferred

<b>1. Conduction</b>	<b>Definition:</b>		<b>Examples:</b>	
	Transfer of energy by direct contact		Pots on a stove ironing clothes chocolate melting in your hand	
	<b>Conductors</b>	<b>Examples:</b>	<b>Insulators</b>	<b>Examples:</b>
	materials that permit an electrical current to flow easily	water iron copper silver	A material or object that does not easily allow heat, electricity, light or sound to pass through	rubber lass wood air

# CONDUCTION

Conduction:  
The Transfer of Heat through  
a material by Direct Contact



2. Convection

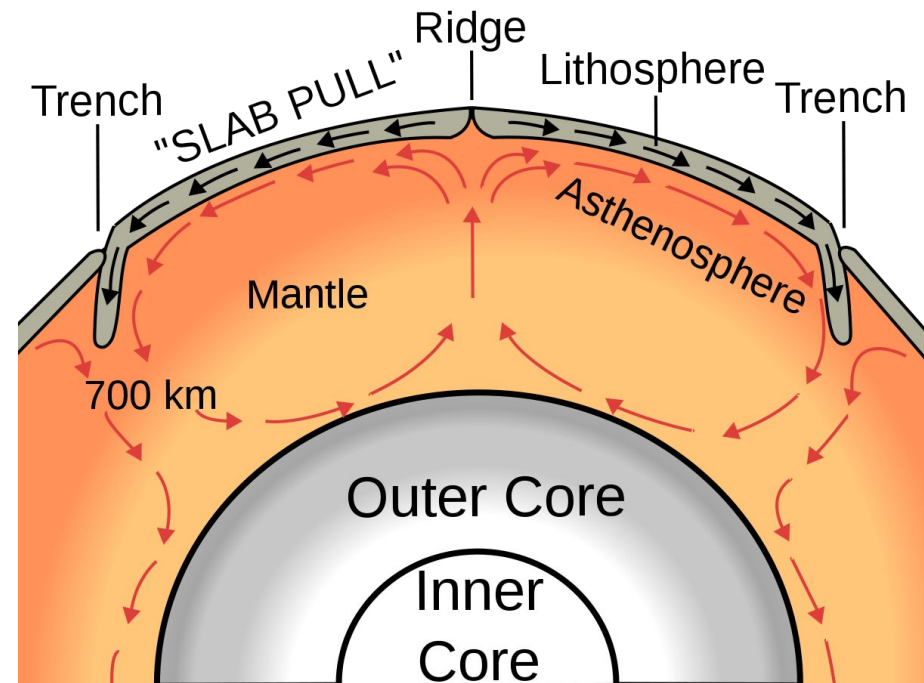
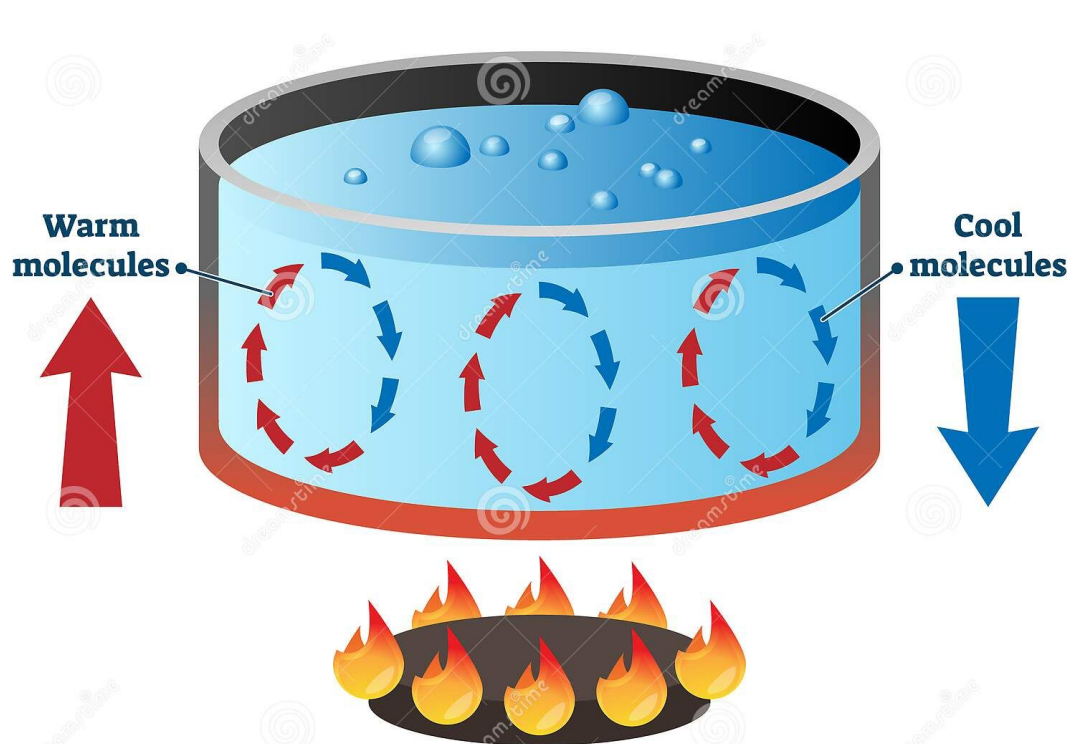
Definition:

Movement of hot materials rising and cool materials sinking

Examples:

Plate tectonics  
boiling water  
attic being warmer than the basement in a house

# CONVECTION



	Definition:	Examples:
3. Radiation	Transfer of energy with the help of electromagnetic wave	sunlight fire

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