

States of Matter and Thermal Energy Reading Guide

Part 1:

Directions: Before you read your class assignment, read each statement in Part 1. If you believe that a statement is true, place a check in the *Agree* column. If you believe that a statement is false, place a check in the *Disagree* column. Be ready to explain your choices.

Agree	Disagree	
<input type="checkbox"/>	<input type="checkbox"/>	1. All particles have kinetic energy because they are constantly moving.
<input type="checkbox"/>	<input type="checkbox"/>	2. The particles in cold chocolate milk move faster than those in hot chocolate.
<input type="checkbox"/>	<input type="checkbox"/>	3. Potential energy results from the attractive forces between particles.
<input type="checkbox"/>	<input type="checkbox"/>	4. When an ice cube melts in your hand, the heat flows from the ice cube to your hand.
<input type="checkbox"/>	<input type="checkbox"/>	5. The thermal energy of an object changes when its temperature changes.

Part 2:

Directions: Now you will read the information related to each of the statements in Part 1. If the information is supported place a check in the *Yes* column in Part 2. Then write what the text says in your own words in column A. If the information does not support your choices, place a check in the *No* column. Then write what the text says in your own words in column B

Text to read: p. 254-259

	Support in text		A	B
	Yes	No	Why is my choice correct?	Why is my choice incorrect?
1.	<input type="checkbox"/>	<input type="checkbox"/>		
2.	<input type="checkbox"/>	<input type="checkbox"/>		
3.	<input type="checkbox"/>	<input type="checkbox"/>		
4.	<input type="checkbox"/>	<input type="checkbox"/>		
5.	<input type="checkbox"/>	<input type="checkbox"/>		