Name	Class	Date	
Skills Worksheet			

Directed Reading A	(use with pp. 40 – 45)	
Section: Changes of State ENERGY AND CHANGES OF STATE		
•	c. particles in ice d. particles in freezing water another, we say the substance has had a(n)	
3. List the five changes of state.		
MELTING: SOLID TO LIQUID		
4. Could you use gallium to make jewelry? Why or why i	not?	
5. The temperature at which a substance changes from so of the substance.	lid to liquid is the	
6. Melting is considered a(n) substance as it changes state.	change because energy is gained by the	
FREEZING: LIQUID TO SOLID  7. A substance's is the tempe solid.	rature at which it changes from a liquid to a	
8. What happens if energy is added or removed from a gla	ass of ice water?	
9. Freezing is considered a(n) the substance.	_ change because energy is removed from	
Evaporation: Liquid to Gas		
Match the correct definition with the correct term. provided.	Write the letter in the space	
10. the change of a substance from a liquid to a g	as a. boiling point	
11. the change of state from a liquid to a gas when pressure equals the atmospheric pressure	1 1	
12. the pressure inside the bubbles of a boiling lic		
13 the temperature at which a liquid boils	d. boiling	

Name		Class	Da	ate		
CONDENS	ATION: GAS	TO LIQUID				
14. The chang	ge of state from a g	gas to a liquid is				
15. At a given	pressure, the con	densation point for a	substance is the same as	s its		
16. For a subs	tance to change fi	rom a gas to a liquid,	particles must	·		
SUBLIMATION: SOLID TO GAS						
		ce. So why is it called	l "dry ice"?			
18. The chang	ge of state from a s	solid to a gas is called	d			
		TURE VS. CHAIn a substance changes	NGE OF STATE when the	changes.		
			before the			
complete.						
21. Identify ea	ch change of state	from the word bank	on the diagram below.			
Freezing	Melting	Vaporization	Condensation	Sublimation		
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