Class	erBlock	11 C4	dv. Cu	:4.	
Date Ch. 10-11 Study Guide					
	lete the table below. ensation Freezing sition Melting			Sublimation Vaporization	
Heatin			Cooling		
	o liquid = ice to water = Melting				ration
	solid to gas = dry ice to vapor = Suplimation		gas to solid = vapor to frost = Deposition		
liquid	to gas = water boiling = Vaporiza	tion li	liquid to	o solid = water to ice = Free 7	eing
1. Put the following in order from lowest boiling point to highest boiling point. water, HF, paraffin wax, octane fuel additive, helium, xenon, methane, ammonia, NaCl 5 8 9 2. Why is HF boiling after ammonia? The only has one dipole. H-F: Ammonia has 3. It-N-H It's stronger It's weaker.					
3.	identity the intermolectual force mar man	CHES THE U	descript	tion. (L, D, H, I)	
a.	Hydrogen and nonmetal	f.		Anything can freeze. ∠	
b.	Hydrogen and nonmetal Ionic compounds Partial positive and negative ends All materials have them	g	3.	Weakest of allforces 4	
c.	Partial positive and negative ends Dan	of H h		Strongest of all forces I	4 ,
d.				incorrectly named because forces	are between
e.	Hydrogen and N, O, or F H	m	nolecul	es H	
+. Draw a graph with a horizontal line and label <u>heat of fusion</u> and another horizontal line and label <u>heat of vaporization</u> . There should be a diagonal line joining the horizontal lines.					
h	Heat of fusion	Vaponi	iato		
5.	Energy at the beginning is used to Energy at the end is used to Veak Forces (Ve	nelf)	ny		
6.	Energy at the end is used to Break Forces (V	aporise	=)		
7.	Energy in the middle is used to the liquid	1			
8.	What is the value for standard temperature	æ? ○ °(C		
9.	What is the value for standard pressure?	10	Am	-	
10.	What happens to boiling point of water as you move from sea level to the mountains?				
11.	What is a phase diagram? graph to show all according to t			of matter and pressure.	

Use the Gas Laws WS as the rest of your study guide. You will get the chart to use on your test.