LATENT HEAT

collisions
HIGHER EDUCATION

		TOPICS COVERED										
Level	Level Name	Melting / Freezing Point	Boiling Point / Condensation	Sublimation / Deposition	Relative Kinetic Energy of Phases	Breaking / Forming IMFs	London Dispersion Forces (LDF)	Dipole-dipole Forces	Hydrogen Bonding	Endothermic / Exothermic Processes	IMF Strengths / Boiling Points	IMF vs Ionic Bonding
1T	Melting	x			x	x			x			
2T	Boiling		x		x	x			x			
3T	Condensing		x		x	x			x			
4T	Freezing	x			x	x			x			
5T	Energy	x	x		x	x			x	x		
6	Enothermic vs Exothermic	x	x		x	x		x		x		
7T	Double Phase Change	x	x		x	x		x				
8	On Your Own	x	x		x	x	x	x	x	x	x	
9	Sublimation & Deposition			x	x	x	x			x		
10	LDF vs ionic bonding	x	x		x	x	x			x	x	x
11	LDF vs dipole-dipoles	x	x		x	x	x	x		x	x	
12	More LDF vs dipole-dipole	x	x		x	x	x	x		x	x	
13	Three types of IMF	x	x		x	x	x	x	x	x	x	
14	Almost there	x	x		x	x	x	x	x	x	x	x
15	Mastering Phase Change	x	x		x	x	x	x		x	x	x
SA1	Melt	x			x	x				x		
SA2	Freeze	x			x	x				x		
SA3	Condense		x		x	x				x		
SA4	Boil		x		x	x				x		
SA5	Sublime			x	x	x				x		
SA6	Deposit			x	x	x				x		
SA7	Freeze Xe	x			x	x	x			x		
SA8	Melt NF3	x			x	x		x		x		
SA9	Boil H2O		x		x	x			x			
SA10	Lower boiling point than NH3		x			x		x			x	
SA11	Higher boiling point than HI		x			x		x			x	
SA12	Exothermic					x				x		
SA13	Endothermic					x				x		
SA14	Change energy without changing temperature					x				x		

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