Name _____ Period _____ Date _____ Seat ___

Unit 2 Study Guide

Objectives	Define or give an example
Explain the following:	
1. Describe the characteristics of solids, in terms of particles and their arrangement: use particle diagrams to account for motion and density differences;	
2. Describe melting.	
3. Describe freezing	
4. Describe the characteristics of, in terms of particles and their arrangement: use particle diagrams to account for motion and density differences;	
5. Describe evaporation.	
6. Describe condensation	
7. Describe the characteristics of gasses, in terms of particles and their arrangement: use particle diagrams to account for motion and density differences;	
8. Change of state (draw a diagram and state if energy is absorbed or released.)	
9. Describe phase change.	

10. Explain temperature. What causes temperature?	
11. What is kinetic energy?	
12. Relate temperature to the kinetic energy of the particles.	
13. Explain, at the particle level, how a thermometer measures the temperature of the system.	
14. Explain the basis for the Celsius temperature scale.	
15. Describe the Kelvin (absolute) temperature scale.	
16. State the basic tenets of the Kinetic Molecular Theory (KMT)..	
17. What is heat	
18. Explain the difference between temperature and heat	
19. What is energy?	
20. Explain pressure. What causes pressure?	