

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

Directions: Use this paper or **ONE** other sheet of paper to construct your own review sheet. The paper can be written on front **AND** back. The questions below are a guide to what you need to know. You may use the test review during the test. It will be collected and saved for you to use at the end of the semester for the semester final.

### Unit Two - Changes of State

What is conduction? How does conduction work? What is heat?

#### Phase Changes-

PHASE CHANGE	ARE PARTICLES GAINING OR LOSING ENERGY?	WHAT CHANGE OF STATE TAKES PLACE?	ARE PARTICLES SPEEDING UP OR SLOWING DOWN?
MELTING			
FREEZING			
EVAPORATING			
BOILING			
CONDENSING			
SUBLIMATION			

Water- What is unique about water? How are the molecules attracted to each other?

Be able to describe the molecular motion of the atoms in a spoon and soup, when you place a room temperature metal spoon into a hot cup of soup.

What causes evaporation and what will speed it up?

Why do we control variables? Be able to provide an example of variables being controlled from the labs done in class.

What speeds up and slows down condensation and why?

What is unique about ice as a solid. Give an example. (Know what happens to water when it freezes.)

Knowing the three states of matter, know the names of the phases changes and if each of them gains or losses energy.