

Name _____ Date _____ Period _____ Page _____

Changing State - Evaporation Notes Sheet

Question to Investigate: _____

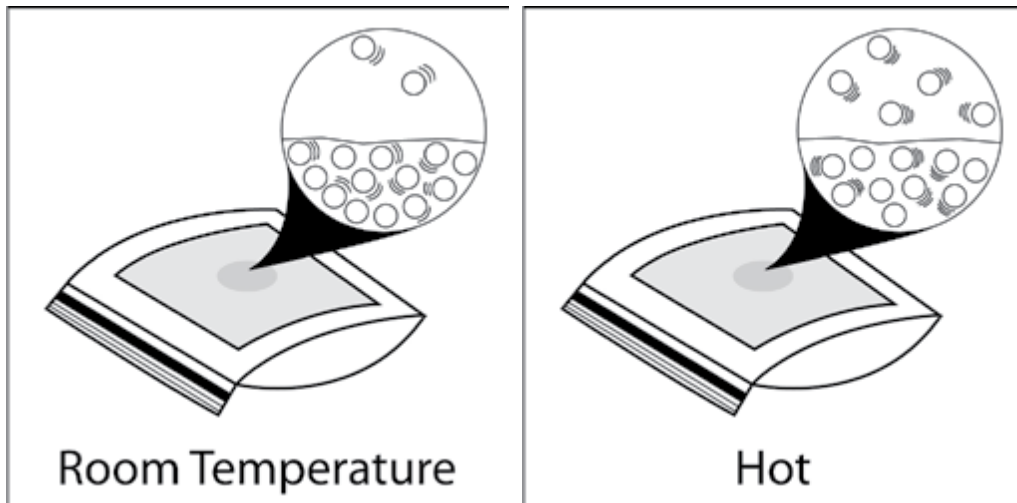
Key Concepts:

- ❖ Evaporation occurs when the molecules in a liquid _____
that they overcome _____
and break away to become a _____.
- ❖ Adding energy _____ the rate of evaporation.
- ❖ To conduct a valid experiment, _____ need to be
identified and _____.

Changing State - Evaporation.... Processing

EXPLAIN IT WITH ATOMS & MOLECULES

You saw an animated model of your experiment showing water molecules evaporating from the paper towels.



Add words to each picture above explaining, on a molecular level, why heating water increased the rate of evaporation. Hint: In your answer, remember to include that water molecules are attracted to one another and that heat increases molecular motion.