Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_

Matter Chapter 1 Study Guide

1. Condensation is when water changes from a gas to a liquid.
2. In a solid, particles are tightly packed together to form a definite shape.
3. When ice cubes are placed under a lamp, what is the first change observed. The ice cubes will change from a solid to a liquid.
4. Liquid and Gas takes the shape of the container.
5. If frozen water is heated, what happens?

It turns into a liquid.

1. When water reaches 100 degrees Celsius, what happens?

It boils.

1. Which the following statements are true or false about liquids? Write True or False
2. A liquid never changes it shape. False
3. A liquid’s particles are tightly packed. False
4. A liquid’s particles flow past one another. True
5. Solid has its own shape.
6. The particles of a gas move freely, have a lot space between them, & bounce off one another as they move.
7. Which of the following is a liquid? Write Yes/No.
8. The ocean Yes
9. The ice in your drink No
10. The humidity in the air No
11. What happens to water particles as water is heated?

The space between them becomes greater.

1. What process causes water vapor to rise out of the pot of liquid water cooking on a stove?

Evaporation

1. What are the properties of matter?

Hardness, color, shape, texture, size, magnetic

1. What is matter?

Anything that takes up space and has mass

1. What property would a baseball and globe have in common? Shape
2. When you walk into a flower garden with your eyes closed, what property of the flowers would you be most likely to detect? Smell
3. What property would you use to measure a paper clip? Size
4. The metric unit of centimeters is used to measure which two physical properties of matter? length and width
5. What are you measuring when you use tools to find an object’s mass?

The amount of matter in an object

1. What can you feel when you rub an eraser against paper? heat