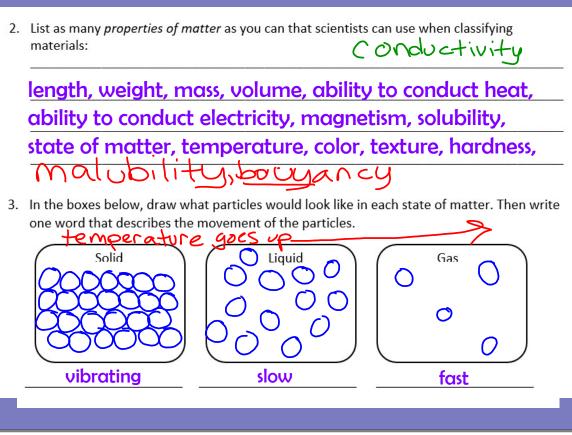
Properties of Matter Study Guide							
1. Vocabulary: Match the term to the correct definition:							
observe	a. to compare something to a standard unit						
measure	<b>b.</b> a matter made of two or more elements, such as water, oxygen, and salt						
solubility	c. a measure of how fast the particles of matter are moving						
atom	d. the smallest particle of a compound that has the same properties of the compound						
molecule	e. to use your senses to gather information 3 atoms						
compound	f. a particle that is the smallest and most basic part of an element						
temperature	g. the amount of matter an object has						
_ mass	h. the property of a substance that tells how well it dissolves into another material						
volume	i. the amount of space an object takes up						

Sep 26-7:05 AM



Sep 26-7:05 AM

4.	Fill in the blank with the correct word:  Temperature will affect the speed that particles move. The higher the temperature, the
5.	Circle the correct underlined word for each statement:  When temperature increases (becomes warmer) particles inside of a container put more less pressure on the container. When temperature decreases (becomes cooler) particles inside of a container put more less pressure on the container.
	Sep 26-7:06 AM

6. A. A conductor allows heat or electricity to be transferred through it

Give an example of a material that conducts heat copper, metals

Give an example of a material that doesn't conduct heat well rubber, plastic

Mathia

7	NAUL - 1	2 Circhle Andrew	lalla
	measured in across the world.	t could be measured? Give the standard unit each v	would be
	Property (ex. Volume)	Standard Unit (ex. milliliters)	
	length	meters	15. I
	volume	liters	
	temperature	degrees celcius	E C
	mass	gram	
			ň

Oct 12-11:14 AM

8. Give one property of a liquid, one property of a solid, and one property of a gas.
Liquid: takes the shape of its container, definite volume, particles
spread out, move moderate speed

Solid: has a definite shape, has a definite volume, particles
vibrate, don't move past one another

Gastakes the shape of its container (fills container, spreads), no
definite shape (if no container), no definite volume, fast
moving particles moving past one another

Sep 26-7:52 AM

			Solubility Data		
	Subs	tance	Hot water	Cold water	in a chart, use
	V	٧	did not dissolve	did not dissolve	
Х		X	dissolved immediately	partially dissolved .	process of
	Y Z		dissolved after 40 seconds	mostly dissolved ·	elimination
			dissolved immediately	completely dissolved •	emmarion
B. Substance X is more soluble than substance Z.      C. Most substances do not dissolve in cold water.      D. Substance Y is more soluble than the other three substances.					

Jan 14-3:19 PM