SCIENCE 8 – STATES OF MATTER WORKSHEET

NAME: _____

Vocabulary			
Contracts	Kinetic molecular theory	Move around quickly	State of matter
Expands	Mass	Slide past each other	Vibrate
Faster	Matter	Slower	Volume

Use your notes from pages 1 – 2 and the terms in the vocabulary box to fill in the blanks for the following nine questions. You will not need to use every term.

1) _____ is the amount of matter that makes up something.

2) _____ is the amount of space that a material takes up.

3) Anything that has mass and volume is called _____.

4) When you add energy to matter, the particles move _____ and the matter _____.

5) Particles in a solid are packed so close together they can only _____.

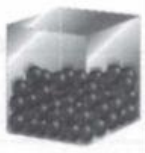
6) Particles in a liquid can _____.

7) Particles in a gas can _____.

8) When you remove energy from particles they move _____ and the matter _____.

9) The _____ explains how particles act when their spacing and movement change.

10) Match each **Term** on the left with the best **Descriptor** on the right. Each **Descriptor** may be used only once

Term		Descriptor					
	Mass	A.	Anything that has mass and volume				
	Solid	B.	Amount of space an object takes up				
	Gas	C.	Amount of matter in an object				
	Matter	D.		E.		F.	
	Liquid						
	Volume						

LIVEWORKSHEETS