SNC 1P				
Grade 9	Science	_	Appl	ied

Name:					
Date:					

Worksheet: Classifying Matter

١.	· ·	rance (PS) or mixture (M). Include a reason for each.				
	(A) lettuce & tomato salad:					
	(B) air:	because				
	• / _	because				
	(D) pond water:	because				
	(E) chalk:	because				
	(F) sugar water:	because				
2.	Identify each as a solution (S	6) or heterogeneous mixture (HM). Include a reason for each				
	(A) grape juice:	because				
	(B) toothpaste:	because				
	(C) styrofoam container:	because				
	(D) cottage cheese:	because				
	(E) paper clip:	because				
	(F) Italian salad dressing:	because				
	(B) All substances are made of the same kind of particles.					
	(C) The particles of matter are in motion.					
	(D) Cooling speeds up the motion of particles. (E) Particles all move in one direction.					
(F) The particles of matter are separated by air.						
(G) The spaces between the particles get smaller as matter is heated.						
	(H) Particles of matter	(H) Particles of matter are attracted to each other.				
	(I) Cooling matter weak	kens the attractions between particles.				
	(J) As matter is cooled	, the particles shrink.				