	Name:	Grade/Group:	
	Subject: Chemistry – Teacher: Mrs. McNe	eal_	
	Date:		
Classification of Matter			
	<b>Instructions:</b> Write <b>E</b> in the blank if the material is <i>heterogeneous</i> or <b>O</b> if it is <i>homogeneous</i> .		
1.	Wood	5. Salt	
2.	Freshly-brewed black coffee	6. Dirt	
3.	Water	7. Sausage-and-mushroom pizza	
4.	Lucky charms	8. Milk	
	<b>Instructions</b> : Classify each of the following as an <i>element</i> [E], <i>compound</i> [C], or <i>mixture</i> [M].		
9.	Gold	14. Air	
10.	Water	15. Carbon dioxide	
11.	Seawater	16. Silver	
12.	Sugar	17. lce	
13.	A chocolate sundae	18. A Big Mac	
Instructions: Classify each of the following properties of matter as physical [P] or chemical [C].			
19.	Color	24. Reacts violently with chlorine	
20.	Density	25. Good conductor of heat	
21.	Burns easily (flammable)	26. Dissolves readily in water	
22.	Not affected by acids	27. Melts at 145 degrees C	
23.	Boils at 450 degrees C	28. Malleable	
Instructions: Classify each of the following changes as physical [P] or chemical [C].			
29.	Grinding chalk into powder	33. Burning gasoline	
30.	Dissolving salt in water	34. Hammering gold into foil	
31.	Tearing a piece of paper	35. Digesting food	
32.	Stretching copper into wire	36. Making hydrogen from water	