ELEMI			ame:							
* An element is a substance that cannot be broken down further. * has unique chemical and physical properties. * Scientists categorize elements according to their chemical and physical properties. * Elements have a (ex: sodium) and a (ex: Na).										
* Metals are normally exists at room temperature as * Samples of metals are often luster) * Metals are They hammered into foils or thin she * Metals are They into wires. * Often metals conduct and * Most metals have metals displayed by the metals often form particles when they dissolve.	s a s shiny (have can be eets. can be drawn elting points and	Examples: Iron Lithium Potassium Sodium Calcium Uranium Nickel Copper Cobalt Silver Gold Platinum								
Carbon brown	onmetals can existent on the second on the s	t asat room to and come and come and come and come and come and come are called _	temperature. annot be rolle and and do not ras molecules	Only ed into eflect light. of the same						

* Metallo	METALLOIDS Metalloids are at room temperature. Some metalloids have metallic characteristics								Name: Examples: Arsenic Silicon Antimony Boron Germanium							
and some have nonmetal characteristics. NOBLE GASES																
* Scientists use the periodic table to organize information about the elements. * Elements in the same tend to have similar chemical properties. * Group I elements are called metals. Li, Na, K, Rb, and Cs are all very reactive. * Group 2 elements are called earth metals. They are soft metals that also quite reactive.																
1 H 2	Noble Gases 18 Metalloids Nonmetals 13 14 15 16 17 He										2					
Li Be					Met	als					B 13	C	N 15	O 16	F 17	Ne 18
Na Mg	21	4	5 23	6	7 25	8	9	10	11	12	Al	Si 32 2	P 33	S 34	Cl 35 5	Ar
K Ca	Sc 39 Y	Ti Zr	11 Nb	Cr 42 Mo	Mn Tc	Fe Ru	Co 45 Rh	Ni Pd	Cu	Zn 48 Cd	Ga ⁴⁹ In	Ge ⁵⁰ Sn	As Sb	Se Te	Br 53 T	Kr ⁵⁴ Xe
Rb Sr 55 56 Ba	71 Lu	72 Hf	73 Ta	74 W	75 Re	76 Os	r Ir	78 P†	Ag ⁷⁹ Au	™ Hg	1n 81 Tl	82 Pb	83 Bi	1e Po	I 85 A †	86 Rn
87 88 Fr Ra	103 Lr	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 M†	110 Ds	111 Rg	119 112 Cn	113 Nh	114 FI	115 Mc	116 Lv	117 Ts	118 Og
	57	58	59	60	61	62	63	64	65	66	67	68	69	70	l]	
	La 89 Ac	Ce Th	Pr 91 Pa	Nd 92 U	Pm 93 Np	Sm 94 Pu	Eu ⁹⁵ Am	Gd 96 Cm	Tb 97 Bk	Dy ⁹⁸ Cf	Ho ⁹⁹ Es	Er Fm	Tm 101 Md	Yb 102 No		
* Elements 95-118 have not been observed in Scientists have artificially created them in the laboratory. Because they do not normally exist in nature, they are called elements.																