Lesson	5
Losson	.)

Name:	
Period:	
Date:	

## Comparing Properties of Elements and the Compounds They Make

Engage: In groups, analyze the elements for physical (and chemical) properties used to identify the element. Record these properties in your data table; these properties will then be compared to the compounds we will use

	nit. Eventually			'Do properties			
	e elements dif perties we can			nents apart? B	rainstorm in yo	our group (rem	ember
Properties us	ed to identify of	elements: 1)			4)		
		3)_			6)		
Now analyze	and research	each element's	individual pro	operties and rec	cord them in th	ne data table.	
Elements to Sulfur, Iron		rbon, Hydrog	en, Oxygen, C	Calcium, Chlor	rine, Nitrogen	, Sodium, Ma	gnesium,
Table 1: Ele	ment propert	ies					
Element Name and Symbol							
	elements are	in the same gro	oun?		and	•	1

Extra: Which elements are in the same group?	and
_	and
Is there a trend or pattern in the properties of the same, similar, or completely different (not even	ese elements that are in the same group? Are properties the close to each other)?

compounds v		ter in the self-v	warming clothi	properties of tag project. Re			
Compounds	to research:	H <sub>2</sub> O, C <sub>2</sub> H <sub>4</sub> O <sub>2</sub>	2, Fe <sub>3</sub> C, C <sub>6</sub> H <sub>8</sub>	8O <sub>7</sub> , CaCl <sub>2</sub> , N	H <sub>4</sub> Cl <sub>,</sub> NaHCC	O <sub>3</sub> , MgSO <sub>4</sub>	
Table 2: Con	mpounds' pro	perties					
Compound Name and chemical formula							
properties the	at compose the	e compounds. rent? Give evi	Are the proper	es you might u rties the same? conclusion (u	Are the prope	rties similar?	Are the