Chemistry
Periodic Table

Name:					
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Period: 1 2 3 4 5 6 7 8

## **Periodic Table Study Guide**

Directions: Please use this packet as practice and review. DO NOT try to answer these questions during presentations, take notes on your brochure instead. Complete this worksheet between presentations in class and at home as homework. I will give an extra credit stamp each day for completed sections. The entire worksheet will be due on the day outlined in your timeline.

Periodic Law/History of the Periodic Table
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iod	ic Law/History of the Pe	riodic Table								
1.		e periodic table at the back of the packet: <b>period</b> ion, <b>number each period and family</b> correctly.								
2.	A horizontal row (d) octet.	w of blocks on the periodic table is called a(n): (a	a) group, (b)period, (c) family							
3.	Mendeleev's table was called periodic because the properties if the elements: (a) showed no pattern, (b) occurred at repeating intervals called periods, (c) occurred at regular time intervals called periods, (d) were identical.									
4.		w allows some properties of an element to be pre- ble, (b) number of isotopes, (c) symbol, (d) colo								
5.		vered that elements with similar properties occur ed in order of increasing: (a) atomic mass, (b) de								
6.	Name an imaginary elem	ent with the atomic number of 202	The							
	following table may help	you.								
	0- Nil	5- Pent								
	1- Un	6- Hex								
	2- Bi	7- Sept								
	3- Tri	8- Oct								
	4- Quad	9- Ein								
7.	What is the atomic numb	er of Unnilquadium?								
8.		we states that the physical and chemical propertiesses, (b) atomic numbers, (c) radii, (d) structures								
9.		wing follow the periodic law except: (a) valance cal and physical properties, (d) atomic number, (								
10.	In the periodic table, the	atomic masses of Te and I decrease rather than in	ncrease, while their atomic							

Alkali/Alkaline Earth Metals

1. Color the alkali metals orange, and the alkaline earth metals green on the periodic at the back of the packet. Draw a key at the bottom of the page that identifies the meaning of each color. Continue expanding this key as you add to the table. Draw an arrow that shows increasing reactivity in the two families.

numbers increase. This phenomenon happens to other neighboring elements in six other places on the periodic table. Name two of the sets of elements, more for bonus points.