

Names \_\_\_\_\_ Date \_\_\_\_\_ Block \_\_\_\_\_

### Electron Configuration Battle Ship

Directions: Each partner receives a file folder with two periodic tables in it. **On the bottom periodic table mark 15 elements that you want your opponent to write the electron configuration for.** On the sheet below write the elements you have chosen and the electron configuration for each of these. **DO NOT LET YOUR OPPONENT SEE THE 15 ELEMENTS YOU HAVE CHOSEN AT ANY TIME.** When you have both completed your 15 elements, alternate turns asking which element they have chosen. **Each time you ask your opponent an element, mark it on your top periodic table so you do not duplicate yourself.** If you guess the correct element your opponent has chosen, write the element and electron configuration on the bottom half of your sheet. When both partners have completed switch partners and complete the game on the back. Fold your paper so your partner can't see your choices.

#### 15 Elements You Choose (for your opponent to guess)

	Element	Electron Configuration
1	_____	_____
2	_____	_____
3	_____	_____
4	_____	_____
5	_____	_____
6	_____	_____
7	_____	_____
8	_____	_____
9	_____	_____
10	_____	_____
11	_____	_____
12	_____	_____
13	_____	_____
14	_____	_____
15	_____	_____

15 Elements You Guess Correctly  
Electron Configuration

Element	
1	_____
2	_____
3	_____
4	_____
5	_____
6	_____
7	_____
8	_____
9	_____
10	_____
11	_____
12	_____
13	_____
14	_____
15	_____