

Anita Gangwani  
DAILY LESSON PLANNING FORM

Week of :	Nov. 15-Nov. 19	Subject:	Chemistry	Chapter 6:	The periodic table and periodic law
<u>Georgia Performance Standards</u>					
<b>SC4. Students will use the organization of the Periodic Table to predict properties of elements.</b>					
a. Use the Periodic Table to predict periodic trends including atomic radii, ionic radii, ionization energy, and electronegativity of various elements.					
b. Compare and contrast trends in the chemical and physical properties of elements and their placement on the Periodic Table.					
<u>Key Vocabulary:</u> Actinide series, alkali metals, alkaline earth metals, group, period, halogens, transition metals, lanthanide series, metal, metalloid, non-metals, noble gas, periodic law, transition metals, representative elements					
	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b><u>Essential Question</u></b>	How do atomic radius, electronegativity, ionization energy and ionic radii change across the period and down the group?	How do atomic radius, electronegativity, ionization energy and ionic radii change across the period and down the group?	How do atomic radius, electronegativity, ionization energy and ionic radii change across the period and down the group?	Differentiate between ionic and covalent bonding.	Differentiate between ionic and covalent bonding
<b><u>Activating Strategy</u></b>					
<b><u>Teaching Strategies &amp; Distributed Practice</u></b>	Periodic trends graphing lab and chemical lab	Lab discussion, discussion and notes on periodic trends	Periodic Trends worksheet	Section 6-3 Quiz Notes and discussion on ionic and covalent bonding	Notes and discussion on ionic and covalent bonding
<b><u>Assessment Prompts/ Summarizing Strategy</u></b>	Graphs, Pre-lab and post-lab questions	Lab discussion questions	Teacher questions and observations	Quiz questions	Teacher questions and observations
<b><u>Homework</u></b>	Complete the crossword puzzle and post-lab questions Section 6-3 Quiz Wednesday 11/17 Adopt-an –element project due 11/18	Section 6-3 Quiz postponed to Thursday 11/18 Adopt-an –element project due 11/18	Chapter 7 Vocabulary due 11/19 Adopt-an –element project due 11/18	Chapter 7 Vocabulary due 11/19	Enjoy your Thanksgiving Break and be ready to take semester exams after a month Teacher questions and observations