

Course: Fifth Grade			Designated Six Weeks: 6 <sup>th</sup> Six Weeks		
Unit: Science Boot Camp			Days to teach: 5 days		
TEKS/Prerequisites	Guiding Questions / Specificity	Assessment	Vocabulary	Instructional Strategies/ELPS	Resources/ Weblinks
Before TAKS Test: Review Nature of Science Review Physical Science Review Earth Science Review Life Science TAKS TEST	What are the major concepts of earth science?  What are the major concepts of life science?  What are the major concepts of earth science?  What are the major concepts of physical science?		Earth Science  Life Science  Earth Science  Physical Science	Team Concepts  Small Groups  Review Activities	Simple Science Solutions Boot Camp (5 of 15 days in this six weeks)

Course: Fifth Grade			Designated Six Weeks: 6 <sup>th</sup> Six Weeks		
Unit: Periodic Table			Days to teach: 7-10 days		
TEKS/Prerequisites	Guiding Questions / Specificity	Assessment	Vocabulary	Instructional Strategies/ELPS	Resources/ Weblinks
<p>After TAKS, these are samples of what you should teach:</p> <p>Periodic Table (basic)</p>	<p><b>Guiding Questions:</b></p> <ul style="list-style-type: none"> <li>-What separates the metals from the non-metals</li> <li>-How is the periodic table arranged?</li> <li>-How do you determine the characteristics of an element (atomic number, etc)</li> </ul> <p><b>Specificity:</b></p> <ul style="list-style-type: none"> <li>-Identify the groups, periods, families on the table</li> <li>-Know common elements and symbols</li> <li>-Memorize the chemical symbols for the first 25 elements.</li> </ul>	<p>How is the periodic table arranged?</p> <ul style="list-style-type: none"> <li>A. alphabetically</li> <li><b>B.</b> atomic number</li> <li>C. atomic mass</li> <li>D. color</li> </ul>	<p>Metals</p> <p>Nonmetals</p> <p>Metalloids</p> <p>Zigzag line</p> <p>Period</p> <p>Series</p> <p>Chemical Symbol</p>	<ul style="list-style-type: none"> <li>-Periodic Table of Elements</li> <li>-Gold Dust Kid</li> <li>- Periodic Table Notes</li> <li>-Periodic Table Basics</li> <li>-Atomic Basics</li> <li>-Element Trading Cards</li> <li>-Periodic Table Crossword</li> <li>-Chemistry Scavenger Hunt</li> <li>-Atoms Family Album</li> <li>-Atoms Family</li> <li>-Element Brochure</li> <li>-Element Bingo</li> </ul>	<p>Textbook: <u>Science</u> – 5<sup>th</sup> grade; Harcourt 2000</p> <p>Periodic Table <a href="http://www.teachertube.com/files/articles/577.pdf">http://www.teachertube.com/files/articles/577.pdf</a></p> <p>Periodic Table <a href="http://www.science-class.net/PowerPoints/PT_class_files/frame.htm">http://www.science-class.net/PowerPoints/PT_class_files/frame.htm</a></p> <p>Periodic Table <a href="http://www.webelements.com/">http://www.webelements.com/</a></p> <p>Safari Montage: Bill Nye Atoms and Molecules</p> <p>Discovery Education: Simply Science: Periodic Table</p> <p>iPod app: Periodic table</p>

Course: Fifth Grade			Designated Six Weeks: 6 <sup>th</sup> Six Weeks		
Unit: Additional Activities			Days to teach: 10-15 days		
TEKS/Prerequisites	Guiding Questions / Specificity	Assessment	Vocabulary	Instructional Strategies/ELPS	Resources/ Weblinks
After teaching the Periodic table, select from the following: Research Scientists Health (Body Systems) Natural Disasters Environmental Science *Any other concept that will help students prepare for 6 <sup>th</sup> and/or 7 <sup>th</sup> grade science.				-Fore! -Meet the Scientists -Severe Weather Web quest -Planet Earth Study Project -The Great Fossil Find	