



Sixth Grade Science Curriculum Bundle # 1

Title	 	Suggested Dates
Beginning of the Year Activities & Science Process		Aug. 24-Sept. 10 (13 days)

Big Idea/Enduring Understanding	Guiding Questions
Safety Skills/Appropriate Usage of Tools	<p>What is appropriate safety behavior in the science lab?</p> <p>Why is it important to demonstrate safety practices in Science?</p> <p>What wise choices can be made upon completion of lab with unused lab materials?</p>

The resources included here provide teaching examples and/or meaningful learning experiences to address the District Curriculum. In order to address the TEKS to the proper depth and complexity, teachers are encouraged to use resources to the degree that they are congruent with the TEKS and research-based best practices. Teaching using only the suggested resources does not guarantee student mastery of all standards. Teachers must use professional judgment to select among these and/or other resources to teach the district curriculum.

Knowledge & Skills with Student Expectations	Specificity & Examples	Suggested Resources (Read the note above)
<p>Teacher Note: First week of school is to be used for campus initiatives including “Capturing Kids Hearts,” team-building (AVID Activity- ”Tower Building” OR “All About You”)</p> <p>S:\PISD Public\Science Curriculum Resources\6th Grade Resource Activities\bundle_1_safety_notebooks</p>		
<p>6.1 The student, for at least 40% of instructional time, conducts laboratory and field investigations following safety procedures and environmentally appropriate and ethical practices.</p> <p>6.1A demonstrate safe practices during laboratory and field investigations as outlined in the Texas Safety Standard</p>	<p>Including:</p> <ul style="list-style-type: none"> --- Introduce Safety Contract --- Location of safety equipment --- Safety procedures <p>Teacher Note: Safety skills and process TEKS should be embedded and reinforced throughout the year.</p>	<p>Vocabulary: wafting, safety symbols, hazardous, flammable, nonflammable</p> <p>CORE ACTIVITY: Safety Contract and Guides: http://www.pflugervilleisd.net/curriculum/science/safety.cfm</p> <p>Safety Power Point: http://www.pflugervilleisd.net/curriculum/science/documents/PISD_IPC_Safety_000.ppt</p> <p>Teach safety symbols and review these with each lab (ex. see textbook, chapter 1, page 25).</p> <p>Gateway Book TE page 5-9, SE pages 5-7 Safety Lab Station</p> <p>Texas Safety Standards</p>

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<p>6.1 The student, for at least 40% of instructional time, conducts laboratory and field investigations following safety procedures and environmentally appropriate and ethical practices.</p> <p>6.1B practice appropriate use and conservation of resources, including disposal, reuse, or recycling of materials</p>	<p>Including: --- Recycling lab materials ---Disposal of lab materials</p>	<p>Emphasize recycling of materials with each lab/activity.</p> <p>Set up recycling receptacles in the classroom (if possible) for paper, plastic, aluminum, etc.</p> <p>Gateway Book TE pages 5-9, SE pages 5-7 Safety Lab Station</p>
<p>6.4 The student knows how to use a variety of tools and safety equipment to conduct science inquiry.</p> <p>6.4A use appropriate tools to collect, record, and analyze information, including journals/notebooks, beakers, Petri dishes, meter sticks, graduated cylinders, hot plates, test tubes, triple beam balances, microscopes, thermometers, calculators, computers, timing devices, and other equipment as needed to teach the curriculum;</p>		<p>http://www.pflugervilleisd.net/curriculum/science/elem.cfm How to use Science Notebooks in the classroom</p> <p><u>AVID Activity</u>: The Write Path II; pages 3-13 (Search AVID interactive notebook online)</p>
<p>6.4 The student knows how to use a variety of tools and safety equipment to conduct science inquiry.</p> <p>6.4B use preventative safety equipment, including chemical splash goggles, aprons, and gloves, and be prepared to use emergency safety equipment, including an eye/face wash, a fire blanket, and a fire extinguisher.</p>		