

**GRADE 6 - Unit 01 Safety and Lab Management (3 Days)**

2010 TEKS		1998 TEKS		Curriculum and Instruction Considerations
6.1	The student for at least 40% of instructional time conducts field and laboratory investigations following safety procedures and environmentally appropriate and ethical practices.	6.1	The student conducts field and laboratory investigations using safe, environmentally appropriate, and ethical practices.	
6.1A	<p>Demonstrate safe practices during field and laboratory investigations as outlined in the Texas Safety Standards.</p> <p>Demonstrate</p> <p>SAFE PRACTICES</p> <p>Including, but not limited to:</p> <ul style="list-style-type: none"> <li>wearing safety goggles</li> <li>washing hands</li> <li>using materials appropriately</li> </ul>	6.1A	Demonstrate safe practices during field and laboratory investigations.	<p><b>New Unit for Grade 6</b></p> <p><b>Key Understandings</b></p> <ul style="list-style-type: none"> <li>Science investigations conducted in a safe manner increase the quality of the investigation, decrease risk to the investigator, and lessen the negative impact on the environment.</li> <li>It is important to know how to use safety equipment in case of an accident during science investigations.</li> </ul> <p><b>Performance Indicator</b></p> <ul style="list-style-type: none"> <li>Demonstrate knowledge of safe practices, including wearing safety goggles, washing hands and using materials appropriately, as well as use of other preventive equipment such as, aprons, gloves and chemical splash goggles by explaining, orally or in writing, the class safety rules for investigations. (6.1A; 6.4B)</li> <li>Demonstrate knowledge of how to operate emergency safety equipment such as a fire extinguisher, fire blanket, and face/eyewash, by explaining how to use the equipment. (6.1A, 6.4B)</li> </ul> <p><b>3 Days Only</b></p> <ul style="list-style-type: none"> <li>Introduce classroom procedures.</li> <li>Go over safety rules and have students show an understanding of how to use the preventative and emergency safety equipment listed.</li> <li>Have students sign a safety contract.</li> </ul>
6.4	The student knows how to use a variety of tools and safety equipment to conduct science inquiry.	6.4	The student knows how to use a variety of tools and methods to conduct science inquiry.	
6.4B	<p>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> <p>Use or be prepared to use</p> <p>SAFETY EQUIPMENT</p> <p>Including, but not limited to:</p> <ul style="list-style-type: none"> <li>preventative safety equipment               <ul style="list-style-type: none"> <li>chemical splash goggles</li> <li>aprons</li> <li>gloves</li> </ul> </li> <li>emergency safety equipment               <ul style="list-style-type: none"> <li>eye/face wash</li> <li>fire blanket</li> <li>fire extinguisher</li> </ul> </li> </ul>			

--	--	--	--	--