

<p><b><i>Essential Standard: Impact of Science, Technology and Human Activity #1. Explain how technological improvements, such as those developed for the use in space exploration, the military, or medicine have led to the invention of new products that may improve lives here on Earth. (e.g. new materials, freeze-dried foods, infrared goggles, velcro, satellite imagery, robotics, lasers).</i></b></p>		
<p><b>Course: Science</b></p>		<p><b>Grade Level: 6-8</b></p>
<p><u>Score 4.0</u> More Complex Learning Goal</p>	<p>In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught.</p>	
	<p><u>Score 3.5</u></p>	<p>In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications with partial success.</p>
<p><u>Score 3.0</u> <b>TARGET!</b>  “Challenging but Attainable”</p>	<p>The student demonstrates an understanding of <b><u>technological improvements</u></b> by...</p> <ul style="list-style-type: none"> <li>• Explain how a technological improvement lead to a new discovery, method, or study within space exploration, military, or medicine.</li> <li>• Compare various technological improvements to on another and classify the pros and cons</li> <li>• Describe the cause/effect of various technological breakthroughs in history.</li> </ul> <p>The student exhibits no errors or omissions on proficient questions.</p>	
	<p><u>Score 2.5</u></p>	<p>The student exhibits no major errors or omissions regarding the score 2.0 elements and partial knowledge of the score 3.0 elements.</p>
<p><u>Score 2.0</u> Simpler Learning Goal</p>	<p>The student exhibits no major errors or omissions regarding the simpler details and processes, such as...</p> <ul style="list-style-type: none"> <li>• Identify technological improvements from a list of choices</li> <li>• Match technological improvements with the appropriate field of study from a list of choices</li> <li>• Identify which technological improvement assisted a discovery, method or study from a list of choices</li> </ul> <p>However, the student exhibits major errors or omissions with score 3.0 elements.</p>	
	<p><u>Score 1.5</u></p>	<p>The student demonstrates partial knowledge of the score 2.0 elements but major errors or omissions regarding the score 3.0 elements.</p>
<p><u>Score 1.0</u></p>	<p>With help, the student demonstrates partial understanding of some of the score 2.0 elements and some of the score 3.0 elements.</p>	
	<p><u>Score 0.5</u></p>	<p>With help, the student demonstrates partial understanding of some of the score 2.0 elements but not the score 3.0 elements.</p>