

<p><b><u>Essential Standard: Impact of Science, Technology and Human Activity #3.</u> Describe how technological solutions to problems (e.g. storm water runoff, fiber optics, windmills, efficient car design, electric trains without conductors, sonar, robotics, Hubble telescope) can have both benefits and drawbacks (e.g. design constraints, unintended consequences, risks).</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 <u>technological solutions and their benefits and drawbacks</u> by...</p> <ul style="list-style-type: none"> <li>• Describe the cause/effect of technological solutions to problems</li> <li>• Describe the benefits and drawbacks of technological solutions</li> <li>• Separate technology benefits from drawbacks</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 the cause/effect of technological solutions from a list of choices</li> <li>• Identify the benefits and drawbacks from a list of choices</li> <li>• Separate technology benefits from drawbacks</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>