

<b>SCIENCE PROCESS SKILL - Inquiry</b>		
<b>The student builds models and understands that making changes to them suggests how a real system might work if the same changes were made to it.</b>		
<b>Grade 6</b>		
<b>Level 4.0</b>	<b>In addition to Level 3.0, in-depth inferences and applications that go beyond what was taught.</b>	
	Level 3.5	In addition to Level 3.0 performance, in-depth inferences and applications with partial success.
<b>Level 3.0 (Proficient)</b>	<p><b>While engaged in tasks involving models, the student:</b></p> <ul style="list-style-type: none"> <li>• <b>identifies the components of the model</b></li> <li>• <b>uses collected data to analyze the model and communicates the results</b></li> <li>• <b>compares the model to the real system and identifies the differences and similarities</b></li> <li>• <b>describes the limitations of the model</b></li> </ul> <p><b>The student exhibits no major errors or omissions.</b></p>	
	Level 2.5	No major errors or omissions regarding the simpler details and processes and partial knowledge of the more complex ideas and processes.
<b>Level 2.0</b>	<p><b>There are no major errors or omissions regarding the simpler details and processes as the student:</b></p> <ul style="list-style-type: none"> <li>• recognizes or recalls specific terminology such as: <ul style="list-style-type: none"> <li>○ model</li> <li>○ variable</li> <li>○ data</li> <li>○ result</li> </ul> </li> <li>• performs basic processes such as: <ul style="list-style-type: none"> <li>• recognizing and recalling basic design and construction of models</li> <li>• identifies models</li> </ul> </li> </ul> <p>However, the student exhibits major errors or omissions regarding the more complex ideas and processes.</p>	
	Level 1.5	Partial knowledge of the simpler details and processes but major errors or omissions regarding the more complex ideas and procedures.
<b>Level 1.0</b>	<b>With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.</b>	
	Level 0.5	With help, a partial understanding of some of the simpler details and processes but not the more complex ideas and processes.
<b>Level 0</b>	<b>Even with help, no understanding or skill demonstrated.</b>	

<b>SCIENCE PROCESS SKILL - Evidence</b>		
<b>The student identifies and differentiates fact from opinion in the reasoning process and supports it with evidence.</b>		
<b>Grade 6</b>		
<b>Level 4</b>	<b>In addition to Level 3, in-depth inferences and applications that go beyond what was taught.</b>	
	Level 3.5	In addition to Level 3.0 performance, in-depth inferences and applications with partial success.
<b>Level 3</b>	<b>While engaged in tasks involving scientific inquiry, the student:</b> <ul style="list-style-type: none"> <li>• <b>identifies facts and opinions</b></li> <li>• <b>gathers evidence that distinguishes actual observation from speculation</b></li> <li>• <b>uses logical reasoning to devise explanations</b></li> <li>• <b>uses and identifies additional sources of information to back up their explanations</b></li> </ul>	
	Level 2.5	No major errors or omissions regarding the simpler details and processes and partial knowledge of the more complex ideas and processes.
<b>Level 2</b>	<b>There are no major errors or omissions regarding the simpler details and processes as the student:</b> <ul style="list-style-type: none"> <li>• recognizes or recalls specific terminology such as: <ul style="list-style-type: none"> <li>• observation</li> <li>• speculation</li> <li>• logical reasoning</li> </ul> </li> <li>• recognizes and recalls isolated details or performs basic processes such as: <ul style="list-style-type: none"> <li>• Identifying the difference between fact and opinion</li> </ul> </li> </ul> <p><b>However, the student exhibits major errors or omissions regarding the more complex ideas and processes.</b></p>	
	Level 1.5	Partial knowledge of the simpler details and processes but major errors or omissions regarding the more complex ideas and procedures.
<b>Level 1</b>	<b>With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.</b>	
	Level 0.5	With help, a partial understanding of some of the simpler details and processes but not the more complex ideas and processes.
<b>Level 0</b>	<b>Even with help, no understanding or skill demonstrated.</b>	

<b>SCIENCE PROCESS SKILL – Communication</b>		
<b>A student understands that clear communication is an essential part of doing science. It enables scientists to inform others about their work, expose their ideas to criticism by other scientists, and stay informed about worldwide scientific discoveries.</b>		
<b>Grade 6</b>		
<b>Level 4</b>	<b>In addition to Level 3, in-depth inferences and applications that go beyond what was taught.</b>	
	Level 3.5	In addition to Level 3.0 performance, in-depth inferences and applications with partial success.
<b>Level 3 (Proficient)</b>	<p><b>While engaged in tasks involving scientific inquiry, the student:</b></p> <ul style="list-style-type: none"> <li>• <b>organizes and presents data in a clear and understandable manner</b></li> <li>• <b>translates findings into clear and understandable language</b></li> <li>• <b>compares results with other investigators.</b></li> <li>• <b>explains the importance of clear communication in science</b></li> </ul> <p><b>The student exhibits no major errors or omissions.</b></p>	
	Level 2.5	No major errors or omissions regarding the simpler details and processes and partial knowledge of the more complex ideas and processes.
<b>Level 2</b>	<p><b>There are no major errors or omissions regarding the simpler details and processes as the student:</b></p> <ul style="list-style-type: none"> <li>• recognizes or recalls specific terminology such as: <ul style="list-style-type: none"> <li>• scientific communication</li> <li>• data</li> <li>• criticism / critique</li> </ul> </li> <li>• discovery</li> <li>• performs basic processes such as: <ul style="list-style-type: none"> <li>• reading and understanding scientific findings</li> <li>• share basic information about their an investigation with others</li> </ul> </li> </ul> <p><b>However, the student exhibits major errors or omissions regarding the more complex ideas and processes.</b></p>	
	Level 1.5	Partial knowledge of the simpler details and processes but major errors or omissions regarding the more complex ideas and procedures.
<b>Level 1</b>	<b>With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.</b>	
	Level 0.5	With help, a partial understanding of some of the simpler details and processes but not the more complex ideas and processes.
<b>Level 0</b>	<b>Even with help, no understanding or skill demonstrated.</b>	