

Figure 6. Standards-Based Rubric

NAME:	Exemplary	Accomplished	Developing	Beginning	<b>Possible CAUSES:</b>  <b>positive</b> <input type="checkbox"/> Habitat restoration <input type="checkbox"/> Conservation efforts <input type="checkbox"/> Reduce CO <sub>2</sub> emissions <input type="checkbox"/> Convert to green energy sources <input type="checkbox"/> Improved urban areas <input type="checkbox"/> <b>negative</b> <input type="checkbox"/> Climate change <input type="checkbox"/> Ocean acidification <input type="checkbox"/> Rising sea levels <input type="checkbox"/> Drought/ Desertification <input type="checkbox"/> Habitat Loss <input type="checkbox"/> Extreme weather <input type="checkbox"/> Fires <input type="checkbox"/> Snowmelt  <b>EFFECTS:</b> <b>Adaptations</b> <input type="checkbox"/> Anatomical <input type="checkbox"/> Behavioral <input type="checkbox"/> Physiological
<b>Research</b>  <i>Complete &amp; Accurate Research</i>  <i>Displays Understanding of Organism</i>	Student presents information that demonstrates depth and detail in their research of the organism and its environment	Students present information that demonstrates adequate depth. Some detail in their research of the organism & its environment	Student presents info. that demonstrates less than adequate depth in their research of the organism and its environment	Student presents information that demonstrates inadequate depth in their research of the organism and its environment	
<b>Evolution</b> <i>Complete &amp; Accurate Images and Captions for 4 moments in time</i> <ul style="list-style-type: none"> <li>Colored &amp; detailed sketch</li> <li>Explanation in text how environmental changes influenced adaptations for increased fitness of species</li> <li>Name the evolved organism using the <b>same</b> Genus &amp; <b>different</b> species name</li> </ul>	Student show an in-depth understanding of natural selection and evolution through adaptation to a changing environment. Plus logical predicted impacts of climate change on that environment	Students show adequate understanding of natural selection and evolution through adaptation to a changing environment. Plus logical predicted impacts of climate change on that environment	Students show less than adequate understanding of natural selection and evolution through adaptation to a changing environment. Plus illogical predicted impacts of climate change on that environment	Student shows an inadequate understanding of natural selection and evolution through adaptation to a changing environment. Plus illogical predicted impacts of climate change on that environment	
<b>Gallery Walk Presentation</b>	The work is well-presented and includes all required elements. The overall appearance is neat and professional.	The presentation is good. The overall appearance is generally neat, with a few minor/ missing elements.	The piece is not neat/organized, and it does not include all the required elements.	The work is not neat / includes minor flaws or omissions or required elements.	
<b>Student Reflection Questions</b>	Knowledgeable about species and possible solution	Knows about the species and possible solution but has some uncertainties	Can give basics about species, but little ability to answer	Uncertain of species or cannot answer basic questions	