



# Scoring Rubric



	EXCELLENT 11 - 15 points	ON-POINT 6 - 10 points	EMERGING 1 - 5 points	NEEDS DEVELOPMENT 0 points
<p><b>Inspiration</b> (33%)</p> <p><b>CRITERIA DEFINITION:</b> <i>To score INSPIRATION, the team draws from local community issues or resources. Determine that the team conveys sincerity and interest in the topic drawing on personal experiences.</i></p>	<p>Team clearly communicates a proposed solution to <b>preserve, protect, or repair</b> biodiversity <b>AND</b> meets <b>ALL</b> of the following criteria:</p> <ul style="list-style-type: none"> <li>• Connects with a local issue in the students' community</li> <li>• Provides rationale for threat/issue selection grounded in personal experience or relationship to stakeholders</li> <li>• Proposes a unique and/or creative solution</li> </ul>	<p>Team clearly communicates a proposed solution to <b>preserve, protect, or repair</b> biodiversity <b>AND</b> meets <b>2</b> of the following criteria:</p> <ul style="list-style-type: none"> <li>• Connects with a local issue in the students' community</li> <li>• Provides rationale for threat/issue selection grounded in personal experience or relationship to stakeholders</li> <li>• Proposes a unique and/or creative solution</li> </ul>	<p>Team is somewhat clear and addresses biodiversity <b>AND</b> meets at least <b>1</b> of the following criteria:</p> <ul style="list-style-type: none"> <li>• Connects with a local issue in the students' community</li> <li>• Provides rationale for threat/issue selection grounded in personal experience or relationship to stakeholders</li> <li>• Proposes a unique and/or creative solution</li> </ul>	<p>Does not meet the minimum criteria to qualify as "emerging."</p>
<p><b>Scientific Rigor</b> (33%)</p> <p><b>CRITERIA DEFINITION:</b> <i>To score SCIENTIFIC RIGOR, evaluate the use of evidence and/or scientific research to select the target issue and review to ensure the action plan adheres to the scientific method and/or incorporates the engineering design process.</i></p>	<p>Meets <b>ALL</b> of the following criteria:</p> <ul style="list-style-type: none"> <li>• The problem identified is supported by research (either gathered by the team, from a mentor, or publicly available but clearly referenced)</li> <li>• Student(s) communicate step-by-step how they used one of the following processes to develop their proposed solution: a) The Scientific Method or b) The Engineering Design process</li> <li>• Clearly demonstrates how student(s) will measure success through data collection</li> </ul>	<p>Meets <b>2</b> of the following criteria:</p> <ul style="list-style-type: none"> <li>• The problem identified is supported by research statistics (either gathered by the team, from a mentor, or publicly available but clearly referenced)</li> <li>• Student(s) communicated step-by-step how they used one of the following processes to develop their proposed solution: a) The Scientific Method or b) The Engineering Design process</li> <li>• Clearly demonstrates how student(s) will measure success through data collection</li> </ul>	<p>Meets <b>1</b> of the following criteria:</p> <ul style="list-style-type: none"> <li>• The problem identified is supported by research statistics (either gathered by the team, from a mentor, or publicly available but clearly referenced)</li> <li>• Student(s) clearly communicated how they used one of the following processes to develop their proposed solution: a) The Scientific Method or b) The Engineering Design process</li> <li>• Clearly demonstrates how student(s) will measure success through data collection</li> </ul>	<p>Does not meet the minimum criteria to qualify as "emerging."</p>
<p><b>Feasibility</b> (34%)</p> <p><b>CRITERIA DEFINITION:</b> <i>To score FEASIBILITY, evaluate the students' understanding of how realistic or "doable" their solution is. Teams should address the resources required and the complexity of their solution giving consideration to timeline, costs, cultural, and social responses, and scalability.</i></p>	<p>Team has demonstrated clear communication and consideration of <b>3 or more</b> of the following:</p> <ul style="list-style-type: none"> <li>• Time required to develop a "proof of concept" or full implementation</li> <li>• Materials needed to develop a "proof of concept" or full implementation</li> <li>• Costs associated with developing a "proof of concept" or full implementation</li> <li>• Plan for implementing their solution in the community</li> <li>• Long-term scalability of their proposed solution</li> </ul>	<p>Team has demonstrated clear communication and consideration of <b>2</b> of the following:</p> <ul style="list-style-type: none"> <li>• Time required to develop a "proof of concept" or full implementation</li> <li>• Materials needed to develop a "proof of concept" or full implementation</li> <li>• Costs associated with developing a "proof of concept" or full implementation</li> <li>• Plan for implementing their solution in the community</li> <li>• Long-term scalability of their proposed solution</li> </ul>	<p>Team has demonstrated clear communication and consideration of <b>1</b> of the following:</p> <ul style="list-style-type: none"> <li>• Time required to develop a "proof of concept" or full implementation</li> <li>• Materials needed to develop a "proof of concept" or full implementation</li> <li>• Costs associated with developing a "proof of concept" or full implementation</li> <li>• Plan for implementing their solution in the community</li> <li>• Long-term scalability of their proposed solution</li> </ul>	<p>Does not meet the minimum criteria to qualify as "emerging."</p>