

JUNIOR ACADEMY INNOVATION CHALLENGE
Evaluation Rubric

	Exemplar (8-10 points)	Proficient (5-7 points)	Developing (3-4 points)	Emerging (1-2 points)
<p>Innovation & Design Thinking:</p> <ul style="list-style-type: none"> Is the design and approach unique and/or innovative? Does the design show a high degree of originality and imagination? <p>10 Points</p>	<p>The solution and approach is highly unique and/or innovative and represents a breakthrough in thinking about the problem.</p> <p>The design shows a high degree of originality and imagination.</p>	<p>At least one major element of the solution is novel.</p>	<p>Minor elements of design or solution are novel.</p>	<p>Design or solution is a copy of an existing design or exists in everyday life. The design is presented without alteration.</p>
<p>Scientific Quality:</p> <ul style="list-style-type: none"> Are the appropriate references and analytical methods used and are the insights derived correctly? <p>10 Points</p>	<p>Team clearly describes and explains their solution to the challenge statement. Team also provides numerous examples supporting their solution and why they chose to pursue them.</p>	<p>Team mostly describes and explains their solution to the challenge statement. More examples and supporting material to their solution could be helpful.</p>	<p>Team somewhat describes the solution in the challenge statement and provides a few examples that support their solution.</p>	<p>Design or solution does not describe or explain their solution to the challenge statement. Team does not provide examples or methods used.</p>
<p>Presentation Quality:</p> <ul style="list-style-type: none"> Is this concept concisely and clearly explained? Are the findings/recommend 	<p>Presentation delivery is exceptionally clear and concise; addresses each required element. Evidence and findings are communicated clearly and persuasively.</p>	<p>Delivery is clear and concise and addresses each required element effectively.</p> <p>Length and number of slides have adequate information and visually make sense..</p>	<p>Delivery explains how design works, but is wordy, repetitious, or missing some key elements.</p> <p>Length and number of slides have adequate information and visually make sense..</p>	<p>Delivery is unclear, inaccurate, or missing required elements.</p> <p>Length or includes too many or too few slides.</p>

<p>ations communicated clearly and persuasively?</p> <p>10 Points</p>	<p>Visuals are used to enhance the presentation and slide guidelines are followed.</p>			
<p>Commercial viability/Potential</p> <ul style="list-style-type: none"> Does the solution have the potential to make a difference in the community the team identified? <p>10 Points</p>	<p>It is clear that many people or everyone in the target audience would use this solution and it could be realized with existing technology or only one "large" invention step.</p> <p>It is clear that the identified community or issue would be impacted by the solution and community design was clearly incorporated.</p>	<p>It is clear that many people would use this solution.</p> <p>This solution requires 2 or more "large" invention steps.</p> <p>The identified community or issue could be impacted by the solution and community design was somewhat incorporated.</p>	<p>A select group of people would use this solution.</p> <p>Many new technologies must be invented to implement this solution widely.</p> <p>The identified community or issue might be impacted by the solution and community design was mentioned but not fully incorporated.</p>	<p>It is not clear who would use the solution.</p> <p>Many new technologies must be invented to implement this solution widely.</p> <p>The identified community or issue would not be impacted by the solution and community design was not incorporated.</p>
<p>Sustainability</p> <ul style="list-style-type: none"> What is the social impact on local communities? How does the solution incorporate positive environmental or social objectives? Is the solution in line with a sustainable or justice focused future? <p>10 Points</p>	<p>The solution would have significant social impact over a large area. The impact of the issue and of the proposed solution on local communities is clearly articulated.</p> <p>The technology could easily be scaled to any size.</p>	<p>The solution would have significant social impact within a limited area. The impact on local communities is referenced.</p> <p>The technology could be scaled somewhat.</p>	<p>The solution would have moderate social impact.</p> <p>The technology could be scaled somewhat.</p>	<p>The solution would have little social impact.</p> <p>The technology could not easily be scaled.</p>
<p>Reflections</p> <ul style="list-style-type: none"> Was the experience a collaborative endeavor? (From Personal Reflection) Was the knowledge gained from the experience reflected 	<p>Student reflections were insightful and captured how this project had an impact on them and expertly explained how the team worked through differences of opinion with empathy and mutual respect.</p> <p>The Team functioned well with all members contributing AND</p>	<p>Student reflections were thoughtful and referenced engaging in civil discourse around points of disagreement.</p> <p>The Team functioned well with all members contributing.</p>	<p>Student reflections were present.</p> <p>The Team functioned well most of the time, but some members were more engaged than others.</p>	<p>Student reflections were incomplete or ill-considered.</p> <p>The Team required a lot of adult intervention to ensure all members contributed/were included or not all team members contributed equally.</p>

<p>upon and tied back to the civics mindset?</p> <p>10 Points</p>	<p>members worked to encourage and teach each other.</p> <p>Team deeply reflected on what they learned from their research, the community or people they identified, and the lens of social responsibility and community design.</p>	<p>Team somewhat reflected on what they learned from their research, the community or people they identified, and the lens of social responsibility and community design.</p>	<p>Team briefly reflected what they learned from their research, the community or people they identified, and the lens of social responsibility and community design.</p>	<p>Team did not reflect on what they learned from their research, the community or people they identified, and the lens of social responsibility and community design.</p>
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