

# APEGA Innovation in Education Awards

## Award Evaluation Rubric

***Proposed initiatives that do not meet the following criteria will be disqualified***

The initiative:

- has a strong engineering and/or geoscience focus
- will help students gain an in-depth, conceptual understanding of the content
- will expose students to relevant and realistic engineering and/or geoscience applications
- will be student-led and hands-on
- will have active student engagement during school hours with at least one class
- will be worked on for the duration of at least one semester/course during the school year
- application is accompanied by a letter of school support

### Part 1: Initiative Information (54 points)

	<b>EXEMPLARY</b> (3 points)	<b>GOOD</b> (2 points)	<b>ADEQUATE</b> (1 point)	<b>INCOMPLETE</b> (0 points)
<b>INITIATIVE OVERVIEW</b>	The provided initiative description is detailed and clear	The provided initiative description is clear but lacks some detail	The provided initiative description lacks considerable detail	The provided initiative description is incomplete or unclear.
<b>PROBLEM DEFINITION</b>	Through this initiative, students will be focused on solving a problem that our world is facing. This problem is clearly and concisely defined.			Definition of the problem that students will be solving through this initiative is incomplete or unclear.
<b>INITIATIVE RELEVANCE</b>	The initiative's focus is relevant, important, and authentic to the students (i.e., students will be thoroughly engaged in the initiative and the initiative relates to classroom learning)	A large part of the initiative addresses a topic that is relevant, important, and authentic to the students	A small part of the initiative addresses a topic that is relevant, important, and authentic to the students	The initiative does not address a topic that is relevant, important, or authentic to the students
<b>ENGINEERING/ GEOSCIENCE COMPONENTS</b>	The initiative has a strong focus on engineering and/or geoscience applications			The initiative's connection to engineering or geoscience is absent or unclear  Disqualified
<b>COMMUNITY INVOLVEMENT – IMPACT and LONGEVITY</b>	The initiative will have a persistent significant, positive effect on the school community	The initiative will have a persistent moderate, positive effect on the school community	The initiative will have a positive effect on the school community, but lacks longevity	The initiative will not have a positive impact on the school community  Disqualified
<b>COMMUNITY INVOLVEMENT - REACH</b>	The initiative reaches beyond the school community and makes an impact on the larger community	The entire school community is involved in this initiative	Multiple classrooms in the school community are involved in this initiative	The initiative will not reach anyone beyond a singular classroom  Disqualified
<b>INITIATIVE GOALS</b>	All goals are clearly defined and realistic	Some goals are either unclear or unrealistic  (1.5 points)		The goals listed are not clearly defined or realistic (e.g., they do not address the issue the initiative is trying to solve)

	<b>EXEMPLARY</b> (3 points)	<b>GOOD</b> (2 points)	<b>ADEQUATE</b> (1 point)	<b>INCOMPLETE</b> (0 points)
<b>STUDENT ENGAGEMENT</b>	The initiative is highly engaging for students, and hands-on	The initiative is moderately engaging for students and hands-on	The initiative is somewhat engaging for students and hands-on	The initiative is not engaging for students or is not hands-on
<b>STUDENT SKILL DEVELOPMENT</b>	Skill development is emphasized through all steps of the initiative	Skill development is emphasized through most steps of the initiative	Skill development is emphasized through some steps of the initiative	Skill development is not prioritized in the initiative
<b>LEARNING OUTCOMES</b>	Learning outcomes are provided and the initiative is directly related to students' grade-level curriculum			Learning outcomes are either not provided, or do not align with proposed initiative
<b>BUDGET</b>	The budget is detailed, realistic, and encompasses all foreseeable costs needed for the initiative's success	The budget is detailed, realistic, and encompasses most foreseeable costs needed for the initiative's success	The budget is realistic and encompasses some foreseeable costs needed for the initiative's success.	The budget is incomplete and lacking detail
	Each expense has a valid purpose, and the associated costs are realistic			Expenses are extraneous and are not required for project completion, or are unrealistic
<b>TIMELINE</b>	<ul style="list-style-type: none"> <li>Short- and long-term activities and associated tasks are set and are specific, detailed, and realistic</li> <li>Specific and realistic deadlines are listed for each activity and task</li> <li>The completion of listed tasks will result in the initiative's success</li> </ul>	<ul style="list-style-type: none"> <li>A list of short- and long-term activities and associated tasks and deadlines for each were provided, but they only meet two of the following criteria: <ul style="list-style-type: none"> <li>specific</li> <li>realistic</li> <li>detailed</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>A list of short- and long-term activities and associated tasks and deadlines for each were provided, but they only meet one of the following criteria: <ul style="list-style-type: none"> <li>specific</li> <li>realistic</li> <li>detailed</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Timeline is incomplete and lacks considerable detail.</li> </ul>
<b>STUDENT VOICE AND CHOICE</b>	Student voice and choice are incorporated and prioritized in initiative planning	Student voice and choice are incorporated and prioritized in most aspects of initiative planning	Student voice and choice are incorporated in only some aspects of initiative planning	Student voice and choice are not prioritized in initiative planning
<b>RISK ASSESSMENT</b>	All major risks that could impact or derail the project are listed	Most major risks that could impact or derail the project are listed  <i>(1.5 points)</i>		Applicant has not considered the potential risks or has stated that there are no risks
	Thorough plans to react to or avoid each risk are considered in detail	Basic plans to address or avoid each risk are considered  <i>(1.5 points)</i>		Plans to address risks are absent or lacking
<b>MEASURES OF SUCCESS</b>	Specific and realistic measures of success are provided, along with reasoning behind the measures	Specific and realistic measures of success are provided	Measures of success are provided, but some are unrealistic or unspecific	Measures of success are not provided
	Both quantitative (numbers) and qualitative	Only quantitative (numbers) OR qualitative (stories, feedback, etc.) measures are identified		Measures of success are not defined or are inadequate

	<b>EXEMPLARY</b> (3 points)	<b>GOOD</b> (2 points)	<b>ADEQUATE</b> (1 point)	<b>INCOMPLETE</b> (0 points)
	(stories, feedback, etc.) measures are identified	<i>(1.5 points)</i>		

### Letter of School Support\* (6 points)

	<b>EXEMPLARY</b> (3 points)	<b>GOOD</b> (2 points)	<b>ADEQUATE</b> (1 point)	<b>INCOMPLETE</b> (0 points)
<b>LEVEL OF SUPPORT</b>	The school or school board is in full support of the applicant's proposed initiative and will provide substantial assistance to the applicant to ensure initiative success	The school or school board is in support of the applicant's proposed initiative and will provide some assistance to the applicant	The school or school board is in support of the applicant's proposed initiative but is unlikely to provide assistance to the applicant	The school or school board is not in support of the applicant's proposed initiative
	The initiative is directly tied to the school's or school board's goals	The initiative is indirectly tied to the school's or school board's goals  <i>(1.5 points)</i>		There is no mention of the relation between the initiative and the school's or school board's goals
*Application will be disqualified if absent				

### Exceeds Expectations (6 points)

These are additional categories that will be considered when reviewing your application. Any scoring awarded from this section indicates that the applicant has exceeded expectations in that specific category.

	<b>Bonus</b> (2 points)
<b>COMMUNITY INVOLVEMENT – IMPACT and LONGEVITY</b>	The initiative will have a persistent significant, positive effect on the larger community (beyond the school community)
<b>RISK ASSESSMENT</b>	Materials are sourced locally or from vendors with confirmed inventory. The sourcing of material through shorter supply chain routes de-risks the project.
<b>ENGINEERING/GEOSCIENCE COMPONENTS</b>	The initiative showcases unconventional or surprising applications of engineering and/or geoscience

<b>Total points:</b>	<b>/60</b>
<b>Additional points (Exceeds Expectations):</b>	<b>/6</b>