



## 2020-21 STEM Partnership Impact Grant

The STEM Partnership Grant – sponsored by Duke Energy and state matching grant funds from the Consortium of Florida Education Foundations will be awarded to fund opportunities for students to learn the application of STEM concepts through problem-based learning activities conducted with workplace business partners for grades K - 12th.

Applications are eligible for up to a total of 15 bonus points if applicants teach in schools serving student populations that are more than 60% minority (non-white), 60% Hispanic and/or 60% eligibility for free/reduced-price meals. If percentages are not met with the diverse population identified – bonus points are not available. Projects must take place between January 2022 and April 2022, and can occur before, during and/or after school. Our funder, Duke Energy, has established the eligible criteria for this particular grant.

### Rubric

Review Criteria	Poor Meets NO Criteria	Fair Meets SOME Criteria	Good Meets ALL Criteria	Excellent EXCEEDS Criteria	Score
<b>Project Description &amp; Implementation</b>					
• Describes what problem(s) the students will address.	0	1	3	5	
• Describes how the project meets students' needs.	0	1	3	5	
• Employs hands-on learning.	0	1	3	5	
• Employs an engineering design (ask, imagine, plan, create/test, and improve) or scientific discovery process.	0	1	3	5	
• Incorporates technology appropriate to the project.	0	1	3	5	
• Is based on real-world problem/challenge that mimics task/practices of STEM professionals.	0	1	3	5	
• Anticipates and allows for learning through failure or trial and error.	0	1	3	5	
• Includes outline of the student / business partner's interactions.	0	1	3	5	
<b>Business Partner</b>					
• Identifies business partners and contact information.	0	1	3	5	
<b>Timeline</b>					
• Provides a detailed timeline and narrative that explains logical project development and completion, including reporting requirements.	0	1	3	5	
• Project timeline notes dates and times that will fulfill the 10 on-site contact hours.	0	1	3	5	
<b>Learning Outcomes / Required Data</b>					
• Clearly states objectives for what students should KNOW at the end of the project.	0	1	3	5	
• Clearly states objectives for what students should be able to DO at the end of the project.	0	1	3	5	
• Defines how students' achievement will be assessed.	No = 0			Yes = 5	
• Includes opportunities for students to communicate what they have learned with the school's greater community.	0	1	3	5	
<b>Budget</b>					
• Provides <b>itemized</b> budget included items, quantity, cost, and total cost for requested equipment / materials.	0	1	3	5	
<b>Total Bonus Points (Eligible for points only if percentages are met)</b>					
_____% Minority/non-white (60% + = 5 points)	No = 0			Yes = 5	
_____% Hispanic (60% + = 5 points)	No = 0			Yes = 5	
_____% Eligible for free-or reduced price meals (60% + = 5 points)	No = 0			Yes = 5	
<b>Total Bonus Points</b>					
<b>Total Score</b>					

Note: Scoring scale is 0 - 5

Judge's Initials		Application Number		Total Score	
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Comments: \_\_\_\_\_

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