

STEM BEST® Program Application

STEM BEST High Demand (2021-23)

Applicant First Name:

Test

Applicant Last Name:

Applicant

Applicant School Email:

applicant@test.com

Applicant Phone Number (with area code):

319-327-0113

Lead School Type (Public or Private):

City:

Program Lead First Name:

Program Lead Last Name:

Program Lead School District:

Program Lead Title:

Program Lead School Address:

Program Lead School Address 2:

Zip Code:

Applicant STEM Region:

County:

Program Lead Phone Number (with area code):

Program Lead School Email:

School Fiscal Agent/Business Manager First Name:

School Fiscal Agent/Business Manager Last Name:

School Fiscal Agent/Business Manager Phone Number:

School Fiscal Agent/Business Manager Email Address:

Communication Official First Name:

Communication Official Last Name:

Communication Official Phone Number:

Communication Official Email Address:

Participating School Information:

School District 1 Information:

Who are your intended participants?

Grade Levels:

Was your school district/organization previously awarded a STEM BEST® grant? If so, be sure to use the executive summary below to explain how this proposal expands upon that award, improving upon your previously funded model.

Executive Summary: In 500 words or less, identify major partners, broad goals/strategies, and student populations to be served through the BEST program:

1.1 The following questions pertain to the Program's Student Impact Goals.

Estimated number of youth who will participate

Based on the estimated number of youth participating, what percentage of youth do you anticipate receive free/reduced lunch? (round to nearest whole number) (please refer to <http://reports.educateiowa.gov/> for guidance of free/reduced lunch by Iowa Schools. Any questions about this report, please email them to

info@iowastem.org)

Based on the estimated number of youth participating, what percentage of students do you anticipate will be female? (round to nearest whole number)

Based on the estimated number of youth participating, what percentage of students do you anticipate will be non-white? (round to nearest whole number)

1.2 Describe strategies for inclusion of underrepresented groups in STEM (ethnic/racial minorities, students with disabilities, students of poverty, women in engineering and computational science fields, men in the health, life science and early childhood fields, etc.).

[https://www.educateiowa.gov/sites/files/ed/documents/WIOA Barriers to Employment - Definitions.pdf](https://www.educateiowa.gov/sites/files/ed/documents/WIOA_Barriers_to_Employment_-_Definitions.pdf)

2.1 Describe your goals to create and implement an employment-driven STEM curriculum that is multidisciplinary, aligned to state standards and focused on personalized learning to prepare students for future work based learning experiences, including college and career programs of many levels and types.

[https://www.educateiowa.gov/sites/files/ed/documents/Iowa Work-based learning guide final.pdf](https://www.educateiowa.gov/sites/files/ed/documents/Iowa_Work-based_learning_guide_final.pdf)

2.2 Provide evidence of alignment of planned curriculum and activities to your District's goals and improvement plans.

3. Provide the contact information of your community partners below. [See rubric for types of partners]

Community Partner 1 Information

Org Name 1 Name:

First Name:

Last Name:

Partner Email:

One sentence description of their Involvement (Identified partners will receive an automatic request for more detailed information):

4. Professional development (PD) must include both business partner support in working with youth as well as educator support in linking industry needs to educational content. To enhance PD, interdisciplinary teams, including business and education professionals, are encouraged. Describe how your program will meet these professional development expectations.

5. Financial Model: Describe below how your program will expend the STEM BEST® grant and meet the 1:1 cost share requirement during the award period of July through June.

Contract Expenditures by Budget Category (per STEM BEST® application)	Grant	Cost Share
Curriculum Development	\$0.00	\$0.00
Grant funds to be used for:		
Cost Share funds to be used for:		
Site Visits: travel expenses to visit one or more exemplary BEST model(s) to benchmark and research key attributes	\$0.00	\$0.00
Grant funds to be used for:		
Cost Share funds to be used for:		
Iowa STEM BEST® Convening or Similar Related Conferences/Events	\$0.00	\$0.00
Grant funds to be used for:		
Cost Share funds to be used for:		
Needs Assessment	\$0.00	\$0.00
Grant funds to be used for:		
Cost Share funds to be used for:		
Facility Development, Technology, Liability and Insurance Consultations	\$0.00	\$0.00
Grant funds to be used for:		
Cost Share funds to be used for:		
Professional Development (PD) for STEM Educators and Partners	\$0.00	\$0.00
Grant funds to be used for:		
Cost Share funds to be used for:		
Coordinator and Business Development Support: project coordinator and/or staffing	\$0.00	\$0.00
Grant funds to be used for:		
Cost Share funds to be used for:		
Other costs not specified above	\$0.00	\$0.00
Grant funds to be used for:		
Cost Share funds to be used for:		
Total Expenditures	\$0.00	\$0.00

6. Detail the continuation of the program beyond the grant period including leadership/personnel, financial considerations and space to operate.

7.1 List possible strategies for promoting the model to other partners in Iowa. Detail how you will advocate for the program and strategies you will use to disseminate the information.

7.1 List possible strategies for promoting the model within your community. Detail how you will advocate for the program and strategies you will use to disseminate the information.

8. Describe how the program will collect observational and qualitative data (e.g., through site visits, classroom observations, administrator and faculty interviews, student and parent focus groups, partner testimonials, etc.) and quantitative data (e.g., grades, test scores, numeric surveys, etc.). Please note that STEM BEST awardees will be required to provide two years of follow-up reporting to the Iowa Governor's STEM Advisory Council.

Additional Comments (In this area, please share with us any special circumstances or information specific to your organization that would be pertinent for us to consider):