

General Information

Grant Number	867
Project Title	Bringing World Class Experts into the Classroom
Please select the MAIN curriculum area your grant addresses.	Science
Does your grant have a technology component? (Will you have technology equipment, software, etc. in your budget?)	<input checked="" type="radio"/> No <input type="radio"/> Yes
Primary Contact Information	
First Name	Brenda
Email	brenda.fee@allenisd.org
Last Name	Fee
Phone Number	972-658-6786
Campus	Olson Elementary
Main Subject	Advanced Academics
Grade(s)	<div style="border: 1px solid black; padding: 5px;"> 1 K 2 3 4 5 6 </div>
I have co-applicants.	<input checked="" type="checkbox"/>
Social Media	
Please provide your work-related social media contact information.	
Facebook	
Twitter	
Other (please specify)	

Grant Co-Applicants

Additional Grant Applicants			
First Name	Last Name	Campus	Grade
Terry	Raines	Anderson Elementary	K-6 AIM
Julie	McGary	Bolin Elementary	K-6 AIM
Beth	Wininger	Boon Elementary	K-6 AIM
Cinda	Smith	Boyd Elementary	K-6 AIM
Diane	Moore	Chandler Elementary	K-6 AIM
Karri	Decker	Cheatham Elementary	K-6 AIM
Jackie	Zander	Evans Elementary	K-6 AIM
Carrie	Sledge	Green Elementary	K-6 AIM

Describe details of the project

Grant Number	867
Campus/Student Information	
Your campus:	Olson Elementary
Will other campus' be involved/impacted by this grant?	<input type="radio"/> No

Yes

Please select all campuses that will be involved/impacted by the grant.

- Anderson Elementary
- Bolin Elementary
- Boon Elementary
- Boyd Elementary
- Chandler Elementary
- Cheatham Elementary
- Evans Elementary
- Green Elementary
- Kerr Elementary
- Lindsey Elementary
- Marion Elementary
- Norton Elementary
- Olson Elementary
- Preston Elementary
- Reed Elementary
- Rountree Elementary
- Story Elementary

Your grade(s): 1,K,2,3,4,5,6

Will other grades be involved/impacted?

No
 Yes

Please select all grades that will be involved/impacted by the grant.

- 1
- K
- 2
- 3
- 4
- 5
- 6

Project Purpose

What is the problem, need or opportunity that this grant will address? Describe the impact of this project on your students. (500 words or less.)

The new AIM Science curriculum from The Center for Gifted Education at William & Mary (implemented in 2017-18) offers a variety of in-depth and engaging tasks which provide opportunities for Gifted and Talented students to learn at their highest potentials. The curriculum is built on self-selected learning, divergent questioning, authentic learning opportunities, strong components of critical thinking and creative exploration, collaboration/group interaction, independent research, logic, higher order thinking skills, and advanced academics.

One challenge in implementing this rigorous and very technical curriculum is the ability to interact with subject matter experts who have in-depth knowledge of the project based learning situations we are studying. Imagine a classroom where students interact with engineers and scientists to examine pollution levels in a nearby river, where students can discuss issues of health epidemics with doctors from the Center for Disease Control, or first graders can ask environmentalists questions to help them understand seaside erosion!

Collaboration with professionals draws students into the subject matter and they begin to imagine future careers. It builds relevance when authentic learning opportunities are paired with real-world practitioners. This project is designed to bring industry professionals, experts, and university level academics into our classrooms.

By making virtual connections, we have effectively removed student barriers to access and provided opportunities they would not otherwise have, creating meaningful real-life moments of discovery for every student, every day. Students will be able to meet and interact with real life role models from the convenience of their own classrooms.

Project Description

How will the project or program be implemented? Describe activities and tasks. Who is the target population and in what ways will they benefit? (500 words or less.)

Acquisition of a single classroom license to NEPRIS for each campus will allow AIM classrooms unlimited opportunities to locate and video conference with industry professionals, experts, and university academics.

In all grade-levels of both our new Science and existing Humanities curriculum, there are opportunities for these interactions. There are also opportunities for use in our 4th grade Texas Performance Standards projects where student are required to interact with professionals as a part of their independent research. Throughout the entire school year, teachers will go online to NEPRIS, input a specific request for a professional to talk with a class, and be matched with a willing and prepared speaker. NEPRIS handles scheduling, communication, and technology. Students are able to submit questions in advance to the professionals to target their own learning and develop connections for future research. NEPRIS records all sessions which can be shared among teachers. Students are also able to participate in seminars (much like TED Talks) with experts throughout the year and connect with mentors as a part of the subscription service. Several AIM teachers have explored this tool through free-trial opportunities this year and have been very pleased with the quality of the professionals and their willingness to continue to follow-up with additional information after sessions are complete. Students have been energized and highly engaged. The target audience for this project is close to 1,000 K-6 students district wide.

Project Summary

Provide a brief summary for use on the Foundation's website and social media. (2-3 brief sentences)

AIM teachers are implementing the online tool NEPRIS to bring professionals and university level academics into our classrooms creating moments of meaningful real-life discovery for every student, every day. Students are able to self-direct learning through these experiences.

Allen ISD Goals/ TEKS

Which Allen ISD goals/TEKS does this project support? Provide only two or three examples.

These learning opportunities are aligned with the TEKS and the Texas State Plan for the education of gifted and talented students supporting the development of logical thinking, creative problem solving, intellectual risk taking, and communication. Above all, this grant proposal supports the goal that Allen ISD cultivates innovation in education that empowers every learner to realize his or her full potential.

Measurement

What specific measurements will be used to evaluate the effectiveness of the project? (500 words or less)

NEPRIS provides post-conference surveys to both teachers and students to evaluate the effectiveness of the videoconferences. Additionally, teachers will perform formal and informal assessments of student products produced as a result of these interactions.

Teaching Methods

What teaching methods will be used to implement this project? (500 words or less.)

PBL, interactive collaboration, direct instruction, demonstration, debriefing, mentoring, speaker "events", seminars and design-thinking

Timeline

What is the project timeline and the date of implementation?

This project will run for the entire 2018-2019 school year

Curriculum/System Support

Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems.

This project is relevant, rigorous, open-ended, and challenging. It is differentiated learning at its best! The introduction of professionals and university level academics allows for student directed learning and higher level questioning and thinking. This project supports English/LA TEKS related to research/writing along with various Math, Science, Social Studies, and Technology TEKS. It creates a 21st century learning experience that extends beyond the walls of our classrooms.

Budget details

Budget Details ** All awarded funds will be available by September of the next school year.

Budget Item	Item Type	Unit Cost	Quantity	Total Cost
NEPRIS subscription	Technology	150.0	17	2550.0
BUDGET TOTAL				2,550
Are there any additional funds available for this grant? Campus or District Funds? PTA funds? Let us know if you have or will be seeking funds from other sources to help with this project.				
			Additional funds?	<input checked="" type="radio"/> No <input type="radio"/> Yes

Signature page and principal contact

Principal Approval Required		
Please provide the Name and Email of your PRINCIPAL. (Not your name)		
First Name	Last Name	Email Address(Notified)
Barbara	Hinton	barbara.hinton@allenisd.org
Applicant Signature		
By entering my name below I signify that I understand that if I move within the District and have written the grant myself, I may take the grant with me to my school (as long as it is appropriate for my classes). If I have written the grant as part of a team, I will leave the grant behind with the team. If I leave AISD, I will leave the grant with the school for which I wrote the grant. As a condition of this grant, I will complete an evaluation form provided by the Foundation.		
		Signature Brenda Fee
		Date 01/31/2018

Principal's approval form

I certify that this would be a good use of funds for our school and this grant supports the district goals and/or our campus improvement plans. **Do NOT include any identifiers, such as: campus name, your name, teachers name or mascot **
No actions possible.
Comments

History and final disposition of application

State Change History	
State Change	***** 02/02/2018 14:42:31 Submitted
State Change	***** 02/13/2018 15:57:47 Accepted
Grant Status	
Grant Awarded	<input type="radio"/> Yes <input type="radio"/> No
Award Amount	