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December 15, 2017

Mabel Rivera
Teacher
Innovation Academy
825 W. Desert Fairway Dr
Tucson, AZ 85755

Dear Ms. Rivera:

On behalf of the Freeport-McMoRan Foundation, I am pleased to enclose a check in the amount of \$500.00 payable to Innovation Academy to support the Learning Beyond the Classroom project.

The funds should be used to complete the project as described in the application. Please notify us at your earliest convenience should the project scope change from the original application.

This grant is made by the Freeport-McMoRan Foundation on behalf of the company and its operations. Any acknowledgment of our support should be attributed to the Freeport-McMoRan Foundation.

Please be sure to deposit your check within 90 days of date of issue. After 90 days, the check may be automatically cancelled within our system or may be considered void by local banking institutions. If for some reason you are not able to deposit the check within the 90-day period, please contact us and we will address the issue.

Please accept our best wishes for a very successful project, and thank you for providing enhanced opportunities for students in our communities to excel in learning.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tracy L. Bame', written in a cursive style.

Tracy L. Bame
President, Freeport-McMoRan Foundation

Enclosure

cc: Cherie Rankin, Community Development Specialist, Freeport-McMoRan

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Mini Grants for Education

Your Submitted Application

The application you previously submitted appears below. No further changes may be made to this application. Click here to return to the Welcome page. To print a copy of this completed application click the Print button below.

Applicant Information

- * Salutation Ms.
- * First Name Mabel
- * Last Name Rivera
 - * Title Teacher
- * Address 825 W. Desert Fairway Dr
 - * City Tucson
 - * State Arizona
- * Zip Code 85755
- * Telephone 5204401985
- * E-mail Address msrivera545@gmail.com
- * Contact Type Request Contact

School Information

- * Legal Name Innovation Academy
- Department Name
 - * Address 825 W. Desert Fairway Dr
 - * City Tucson
 - * County Pima
 - * State Arizona
- * Zip Code 85755
- * Telephone (520) 269-4610
- * E-mail Address mmconne@amphi.com
- Website Address <https://www.amphi.com/innovationacademy>
- * Principal Name Michael McConnell
- * School District Name Amphitheater Unified School District
 - * NCES School ID 10021011
 - * NCES District ID 0400680
- * Award Check Information Scott Little Chief Financial Officer
701 W Wetmore,

Tucson, AZ 85705

Project Information

- * Project Title Learning Beyond the Classroom

* **Grant Amount Requested** \$500.00

* **Budget Template** • [Innovation Academy]_Learning Beyond The Classroom[2017].xlsx (15.04 K), uploaded by Mabel Rivera on 07/02/2017

* **Project Community** Tucson, Arizona

* **Project Summary** This project can be used for years to come to help support the content that teachers teach in their classrooms. We are limited in the places we can take our students, but it would be incredible to be able to find or create contact that will take students to the places being studied, while still being in the classroom. Virtual and Augmented Reality makes learning and understanding come alive in a way that is usually impossible. In time students can also create their own virtual experiences in order to immerse other students in their learning.
The idea behind the project comes from our mission as a school to provide new and unique learning experiences for our students. This project will be a boiler plate for related projects to come!

* **Project Focus Area** STEM – Science, Technology, Engineering and Math

* **Projected Project Start Date** 10/02/2017

* **Projected Project End Date** 05/24/2018

* **Students Served** 200

* **Target Population** The project will minimally serve multiple classrooms, but can potentially be used for the entire school population on a check-out process. Our goal is to have enough for whole classrooms to check out in order to use, and to keep them in a central location.

* **Educational Need** Hands-on experiences bring learning to a new level, and going on field trips can make learning come alive. However, classrooms are limited in the locations that we can take our students. Using virtual reality/augmented reality will give our teachers and students a new tool for learning. The barriers created when we study locations that are out of reach, can suddenly be broken. Teachers and students can create their own content as they travel to share with the class, and this will help connect the community to our classrooms as well.
Students who have trouble with envisioning the content with only a few pictures and some words will have a chance to have the information take on new meaning. Beyond seeing the location, students will create a memory with the content that may have otherwise been meaningless. We as teachers would like to work beyond students memorizing information temporarily. We want students to make connections and authentic memories with learning in order to engage them. STEM takes many forms, and virtual reality is a new way for students to access and create content for learning. Learning doesn't have to end with the tool, but can rather be a starting point for a new learning adventure

* **Student Impact** Students will be engaged in the content that they are studying. Through the use of virtual reality, students will be able to develop their own questions that reach beyond surface level content. By being immersed into the information/location students will be able to explore on their own, and not be limited to a text or photo. The use of the technology will allow students to develop new ideas about how they may have solved a problem, or how they could solve a current problem. Students can present ideas to students in a new way that can create a stronger collaborative community. When learning comes alive it creates an opportunity for students to take ownership of their learning.
Our school is a STEM school, and the curriculum that we use teaches students to code, and this project would be a great extension for those students ready to take their learning to a new level. The project will also create great partnerships across grade levels because older/more experienced students can help create content for younger students. Honestly, the impact is only limited by the constraints the user places upon. Students are incredible, and can accomplish goals beyond our imagination!

* **Application Reviewed** My principal has reviewed the final application

Statement of Understanding

* **Statement of Understanding** Yes

* **Applicant Electronic Signature** Mabel Rivera

* **Applicant Electronic Date** 07/02/2017

* **Principal's Email Address** mmconne@amphi.com

* **Principal Electronic Signature** Michael McConnell

* **Principal Signature Date** 07/02/2017


Need Support?

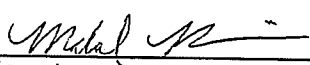
GRANTS PROJECT COORDINATION

PROJECT PROFILE

*Forms should be submitted to Mike Bejarano, School Operations
Executive Director Student Services



Working title:	Learning Beyond the Classroom
Target population: <i>(Which schools, grades, staff, etc. are impacted?)</i>	Innovation Academy
General problem addressed by the project:	Students having access to information beyond the classroom in a cost effective manner.
Project Synopsis: <i>(Please also attach the proposal abstract or any additional clarifying information needed.)</i>	Augmented reality experiences will be created through the use of virtual reality glasses. Students in classrooms will be able to investigate the locations they learn about in a deeper fashion.
Source and amount of funding requested:	COST REIMBURSEMENT GRANT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Funding will pay for: <i>(People, equipment, materials, training, services, supplies, etc.)</i>	Virtual Reality glasses: Google Cardboard
District contribution(s):	\$0
Potential partners & their contributions:	Freeport-McMoRan- potentially a \$500 mini-grant
Sustainability plan: <i>(Explain how the project will be sustained without committing district funds)</i>	There is no more need for funds afterward if the grant is funded. The content for the project is all free.
Principal/Department Authorization:	
	<p style="text-align: center;"> _____ Signature</p> <p style="text-align: center;">12/21/17 Name, printed</p> <p>Date</p>

Submitted by:			
	<i>Signature</i>	<i>Mabel Rivera</i> <i>Name, printed</i>	
	<i>Date</i> 12/20/17 By signing this document, I acknowledge that purchases must follow the district's required bidding/purchasing process and will adhere to USFR* regulations and any other reporting requirements of the funder. All fixtures, equipment and instructional materials (or other improvements) received under this grant will become the property of the Amphitheater School District and not the applicant.	Date : 	
Phone & Email:	4611 mmcconne@amphi.com		

*USFR = Uniform System of Financial Records required by ADE and the Auditor General's office for bookkeeping & reporting methods on expenditures.