

Grant Number 1212

Project Title Virtual Reality Headsets for Science

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?)

 No Yes

Primary Contact Information

First Name Graham

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Last Name Gadd

Phone Number 972-747-3308

Campus Ereckson Middle School

Main Subject Science - Secondary

Grade(s) 7

I have co-applicants.

Social Media

Please provide your work-related social media contact information.

Facebook

Twitter

Other (please specify)

Additional Grant Applicants

	First Name	Last Name	Campus	Grade
Lori		Allen	Ereckson Middle School	7
Darren		Gaas	Ereckson Middle School	7
John		Ricken	Ereckson Middle School	7
Dawn		Byars	Ereckson Middle School	7

Grant Number 1212

Campus/Student Information

Your campus: Ereckson Middle School

Will other campus' be involved/impacted by this grant?

No
 Yes

Your grade(s): 7

Will other grades be involved/impacted?

No
 Yes

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

8

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.)

Virtual Reality will allow students to explore science like never before. Students will be able to travel through the human body, see how the planets rotate and revolve, travel the world and visit places they would never be able to see in real life. It is so difficult learning about the human body, and having the opportunity to see how muscles actually attach to the body and how bile breaks down fats will be so amazing for our students

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.)

We will use the VR headsets in almost every single unit we teach. Cells, the human body, genetics, Imagine if a student can actually go inside a plant or animal cell and really see what cytoplasm is or experience the reality of the organelles. Students might start understanding such an abstract concept even better than they already understand it.


Project Summary

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

We will be able to share with social media how our students are experiencing the virtual world and how we are brining science alive.

Allen ISD Goals/ TEKS

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

7.3B Use models to represent aspects of the natural world such as human body systems and plant and animal cells.
 7.12E Compare the functions of cell organelles to the functions of an organ system; and 
 (Analyze) Environments
 7.5A (2B, 2C, 2D) Recognize that radiant energy from the Sun is transformed into chemical energy through the process of photosynthesis.

Measurement

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

Until now we have used formative assessments and informative assessments to evaluate students understanding of these TEKS. We know there are gaps because so many of our students cant grasp these ideas. We will definitely be able to measure the success through our assessments

Teaching Methods

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

Science is all hands on. These will definitely allow us to perform more labs throughout the year. Sometimes it is so difficult to do a lab because we don't have the materials or can't get to a place in order to do the lab. The combination of virtual labs and using the new STEAM center will definitely enhance our students learning.

Timeline

What is the project timeline and the date of implementation?

We will begin using these headsets from our first unit next year and use them the entire year.

Curriculum/System Support

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

This definitely supports our TEKS directly. It also supports the fact that every child should be given the highest education and exposed to as many possible ways of learning. Students learn in a variety of ways and this will definitely allow the visual, hands on student from learning.

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

Budget Item	Item Type	Unit Cost	Quantity	Total Cost
Virtual Reality Headset, Oslooln 3D VR Glasses w/Stereo Headphone, Compatible 4.7-6.2 inch iPhone/Android Phone, Including iPhone XS/X/8/8Plus/7/7Plus/6/6Plus/6s/5, Samsung, LG, Nexus etc	Instructional Supplies or Resources	30.0	30	900.0

BUDGET TOTAL 900

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? No
 Yes

Principal Approval Required

Please provide the Name and Email of your PRINCIPAL. (Not your name)

First Name	Last Name	Email Address (Completed)
Leslie	Norris	leslie.norris@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 Graham Gadd

Date 02/01/2019

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

Application approved for consideration

State Change History

State Change graham.gadd@allenisd.org
02/04/2019 12:04:16
Submitted

State Change *****
02/04/2019 13:11:49
Accepted

Grant Status

Grant Awarded Yes
 No

Award Amount 900