General Information

Grant Number	516
Project Title	Exploring Science with the Perot Museum
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	Jillian
Email	jillian_sims@allenisd.org
Last Name	Sims
Phone Number	972-562-1800
Campus	Olson Elementary
Main Subject	Science - Elementary
Grade(s)	6
I have co-applicants.	☐
Social Media	
Please provide your work-related social media contact information.	
Facebook	
Twitter	missjearly
Other (please specify)	

Describe details of the project

Grant Number	516
Campus/Student Information	
Your campus:	Olson Elementary
Will other campus' be involved/impacted by this grant?	◉ **No** ○ **Yes**
Your grade(s):	6
Will other grades be involved/impacted?	◉ **No** ○ **Yes**
Project Purpose	

What is the problem, need, or opportunity that this grant will address? Explain **what students will know and be able to do** as a result of this project and/or how a problem will be addresses and/or how a situation improved because of the grant. (500 words or less.)

The Perot Museum has several classroom and auditorium programs that they are able to bring to our campus. In the years past we have traveled to the Perot Museum and have been limited to the day of the week we are able to attend the museum. Their extra programs are amazing! In the fall semester our students would have an opportunity to learn about matter in a unique way. They will be able to see how matter changes by adding or removing heat, observe states of matter, basic behaviors of atoms and molecules, and chemical and physical changes of matter. In the spring semester through hands-on stations, our students will learn the language to describe and compare rocks and minerals, examine the rock cycle, piece together the ancient arrangement of continents, and explore how movement of Earth's continental crust has shaped the land forms we see today.

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.)

Our 6th grade students will receive two engaging lessons from Perot Museum instructors. The Fire and Ice program covers our TEKS on matter and would be presented sometime in late October or early November. This program is an auditorium presentation that instructs whole group with several volunteers. Geo-Logic covers several TEKS from our Layers of the Earth, Plate Tectonics, and our Rocks and Mineral units. This program would be presented sometime in late February or early March. Geo-Logic is a classroom program that would be presented to one half of 6th grade on one day and the other half on the following day.

Project Summary

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

Olson 6th graders will interact with instructors from the Perot Museum while extending their classroom knowledge of matter and Earth science. In the fall semester, students will attend an auditorium presentation about physical and chemical properties and changes of matter. In the spring semester, students will participate in a hands-on station activity involving the rock cycle, plate tectonics, and land formations.

Allen ISD Goals/ TEKS

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

6.5 D Identify the formation of a new substance by using the evidence of a possible chemical change such as production of a gas, change in temperature, production of a precipitate, or color change.
6.10 D Describe how plate tectonics causes major geological events such as ocean basins, earthquakes, volcanic eruptions, and mountain building.
6.10 B Classify rocks as metamorphic, igneous, or sedimentary by the processes of their formation.

Measurement

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

An informal assessment will be used following both programs. Students will self-reflect in their journals during and after both programs.

Teaching Methods

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

The fall presentation will be instructed to our entire grade level with 6th grade volunteers. The spring program will be presented to half of the 6th grade (through the 3 rotations) on one day and the other half on the following day.

Timeline

What is the project timeline and the date of implementation?

2017-2018 school year, one visit (Fire & Ice) during the fall semester and one (Geo-Logic) visit during the spring semester.

Curriculum/System Support

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

Both of these programs provide real world application of our science TEKS. The spring program provides and opportunity for our students to learn using hands-on stations.

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
Classroom Program Fee	Other Expenses	160.0	6	960.0
Classroom Travel-To School Fee	Other Expenses	35.0	3	105.0
Auditorium Program Fee	Other Expenses	375.0	1	375.0

BUDGET TOTAL	1,440

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

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(Completed)
Amanda	Reyes	amanda_reyes@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	Jillian Sims
Date	02/02/2017

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

This grant would afford a wonderful opportunity for our 6th graders to have hands on experience with science.

History and final disposition of application

State Change History

State Change	****** 02/02/2017 16:02:44 Submitted
State Change	****** 02/09/2017 12:39:45 Accepted

Grant Status

Grant Awarded	( ) Yes ( ) No
Award Amount	720