

Grant Number 1073

Project Title Rock Your World!

Please select the **MAIN** curriculum area your grant addresses. ScienceDoes your grant have a technology component? (Will you have technology equipment, software, etc. in your budget?)
 No
 Yes

Primary Contact Information

First Name Cristen

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Last Name Allen

Phone Number 972-727-0556

Campus Rountree Elementary

Main Subject Science - Elementary

Grade(s) Please select all applicable.

I have co-applicants.

Social Media

Please provide your work-related social media contact information.

Facebook N/A

Twitter @routreerr, @RountreeLibrary, @CAllenIC_AISD

Other (please specify) N/A

Additional Grant Applicants

	First Name	Last Name	Campus	Grade
Shelley		Privett	Rountree Elementary	EC-6th
Paige		Zettler	Rountree Elementary	5th
Chinar		Young	Rountree Elementary	6th
Christyn		Guy	Rountree Elementary	3rd
Angie		Tranka	Rountree Elementary	4th

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Campus/Student Information

Your campus: Rountree Elementary

Will other campus' be involved/impacted by this grant? No
 Yes

Your grade(s):

Will other grades be involved/impacted? No
 Yes

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

3
4
5
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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.)

We would like to bring the Heard Museum experience to our students! Based off of the Science STAAR data from previous years, weathering, erosion, deposition, soil types, the rock cycle and natural disaster TEKS were identified at 65% or lower. These skills are taught as early as Pre-K, and builds upon itself until it is tested in 5th grade. The Rock Cycle is also taught in 6th grade, builds upon itself and is tested in 8th grade. Therefore, extra support would be beneficial for our learners. Our students would gain text to world schema from this experience. The museum offers hands-on programs designed to allow students to be involved in learning that is interactive using museum resources.

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.)

Diane Brownlee, a professional geophysicist with extensive teaching experience, will make Earth Science come alive for our 3rd through 6th grade students! She will be presenting geology of rivers and watersheds to volcanoes or even meteorites, bringing the students' nonfiction reading to life. Earth Science will come alive for students with hands-on, investigative, and an informative presentation. Diane will tie together plate tectonics, mountain building and faulting in one presentation, with many examples and pictures. Samples of the rock types that characterize different mountain types will be shown and touched. The students will also be able to watch on a globe how Texas has moved through time due to plate tectonics. In addition, students will be given informative and visual examples which address the difference between weathering and erosion. Many examples are from the North Texas area. Rocks will be available for show and touch that prove weathering/erosional effects.

Project Summary

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

Allen ISD Grant Foundation enabled the third, fourth, fifth and sixth grade students of Rountree Elementary to experience hands-on learning. Heard Museum representatives brought in real world activities for students to be involved in the "Rock Your World" learning experience, and helped build their text to world schema! They brought to life the Rock Cycle, Natural Disasters, Weathering and Erosion and helped them understand the different soil types and their importance.

Allen ISD Goals/ TEKS

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

This project will support Science TEKS in several grade levels including the following:

3.7(A)* explore and record how soils are formed by weathering of rock and the decomposition of plant and animal remains

3.7(B)^ investigate rapid changes in the Earth's surface such as volcanic eruptions, earthquakes, and landslides

4.7(A)^ examine properties of soils, including color and texture, capacity to retain water, and ability to support the growth of plants

4.7(B) observe and identify slow changes to Earth's surface caused by weathering, erosion, and deposition from water, wind, and ice

(5.7B) Earth and space. The student knows Earth's surface is constantly changing and consists of useful resources.

(6.10D) Earth and space. The student understands the structure of Earth, the rock cycle, and plate tectonics.

(6.6C) Matter and energy. The student knows matter has physical properties that can be used for classification.

Measurement

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

Our students would be able to better understand and experience the reasonable explanation that direct evidence is anything that can be observed, or measured using the five senses and tools. We anticipate seeing a better understanding because of the connections that the students will be making throughout this visual, hands-on approach.

Teaching Methods

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

The Heard Museum representatives are trained with the standardized testing vocabulary and with strategies to help keep the attention and support the needs of each and every learner.

Timeline

What is the project timeline and the date of implementation?

The project timeline and implementation is the 2019-2020 school year before Spring Break.

Curriculum/System Support

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

This project will give students more of a hands-on approach. Giving students a variety of learning opportunities and help with the differentiation of all skills which will enable students to have a deeper understanding of the Allen ISD Science curriculum.

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

Budget Item	Item Type	Unit Cost	Quantity	Total Cost
Heard Museum Presentation: Investigate the rock cycle, soil types, and their importance. Learn about how the earth changes through weathering, erosion, deposition, and natural disasters.	Instructional Supplies or Resources	250.0	4	1000.0
Additional fees for more than 150 people (Supports extra staff that is needed)	Instructional Supplies or Resources	50.0	1	50.0

BUDGET TOTAL 1,050

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 <small>(Completed)</small>
Lara	Utecht	lara.utecht@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 Cristen Allen and Shelley Privett

Date 01/22/2019

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

This supports our campus improvement plan on additional resources for our students to have for Science.

State Change History

- State Change cristen.allen@allenisd.org
01/22/2019 14:40:36
Submitted
- State Change *****
02/01/2019 16:54:20
Accepted

Grant Status

Grant Awarded Yes
 No

Award Amount 1050