

Grant Number 1104

Project Title Hands On 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 Brandi

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Last Name Pernisi

Phone Number 972-971-9049

Campus Bolin Elementary

Main Subject Science - Elementary

Grade(s)

2

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
Kristi		Kellum	Bolin Elementary	Instructional Coach

Grant Number 1104

Campus/Student Information

Your campus: Bolin Elementary

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

 No Yes

Your grade(s): 2

Will other grades be involved/impacted? No
 Yes

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.)

With the district moving towards a science workshop model, students need more hands on materials and grade level appropriate books. Science tubs and file folder games will be used for hands on exploration. Students have a hard time grasping science vocabulary and having the books to tie to real world experiences helps students with retention of concepts.

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.)

The targeted population is 2nd grade students. We will use each of the science tubs, file folder games, and books for each of the different science units we cover throughout the year. The second grade teachers will share the kits. We have a growing number of ESL students and the more visual supports and hands on learning we can offer them, the better the students will fully grasp and retain the science concepts.

Project Summary

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

Hands On Science curriculum will get kids excited and engaged in science instruction through hands on explorations. The use of books, along with experiments and real world activities will help students retain their science knowledge and help prepare them for future grade levels. With a growing emphasis on science STAAR tests in upper grades, it is more important that ever that we build a good foundation in the lower grades.

Allen ISD Goals/ TEKS

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

The goal for second graders in Allen ISD is to have hands on activities for 60% of the science instruction. The Allen ISD science motto is "we do science" and by having these resources, we will be able to confidently say that "we do science." Allen ISD is promoting a science workshop model. In order to meet these goals we need more resources for hands on science exploration.

By getting this entire kit, plus the file folder games and books, we would have resources and materials to supplement the curriculum for a majority of the science TEKS.

Measurement

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

Observations: We will use observations to determine if students are more engaged during instructional time and if they are grasping concepts.

Survey of Student Feedback: We will use a survey at the end of the year to ask students what materials they found to be more engaging and effective in their learning.

Teaching Methods

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

- * Books to introduce and reinforce concepts.
- * File folder activities as stations during the science workshop model.
- * Activity tubs will be used during whole groups labs, small group exploration at teacher table, as well as hands on station activities.

Timeline

What is the project timeline and the date of implementation?

Items will be purchased this year to implement into lessons and labs in the 2019-2020 school year and years to come for second grade students.

Curriculum/System Support

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

According to TEA guidelines, second grade teachers are encouraged to facilitate classroom and outdoor explorations for at least 60% of the instructional time. Allen ISD follows TEA guidelines and is promoting a science workshop model to help meet these guidelines. Having these activity tubs will give us several hands on explorations to chose from. The file folder games will also be a part of science workshop model.

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

Budget Item	Item Type	Unit Cost	Quantity	Total Cost
Science File Folder Games - Gr. 2-3	Instructional Supplies or Resources	34.99	2	69.98
Matter Activity Tub - Gr. 1-3	Instructional Supplies or Resources	69.99	1	69.99
Learning Science Activity Tubs - Gr. 1-3	Instructional Supplies or Resources	499.0	1	499.0
Book Source Science Books	Instructional Supplies or Resources	75.0	2	150.0
Amazon Science Books	Instructional Supplies or Resources	24.0	2	48.0

BUDGET TOTAL 836.97

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)
Reena	Varughese	reena.varughese@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 Brandi Pernisi

Date 01/24/2019

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

Approve

State Change History

State Change brandi.pernisi@allenisd.org
01/29/2019 15:44:25
Submitted

State Change *****
01/29/2019 15:52:26
Accepted

Grant Status

Grant Awarded Yes
 No

Award Amount 337