



Foundation For Allen Schools Grant Application 2021

Scholarship Fund Amount: \$0

Let's get to know you!

Please provide your work-related Twitter contact information.	
Please provide your work-related Facebook contact information.	
I have co-applicants:	No
Best phone number to reach you at:	+12148866005
Campus	Preston Elementary School
Grade(s)	1

Additional Co-Applicants

Campus	Preston Elementary School
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Project Information

Are there any additional funds available for this grant?	No
Will other grades be involved/impacted?	No
Will other campuses be involved/impacted?	No
Does your grant have a technology component?	No
Please select the MAIN curriculum area your grant addresses.	Science / STEAM
How many students will be involved in this	

grant?	80
Name of Grant	Little Scientists

Project Information Continued

<p>Provide a brief summary for use on the Foundation's website and social media.</p>	<p>The Hands On Learning Centers for Science in the first grade classroom will provide students with early exploration possibilities within the science field and still working with our own AllenISD curriculum. By providing hands on learning opportunities throughout the school year, students will gain a positive outlook on Science at an early age.</p>
<p>How will the project or program be implemented? Describe activities and tasks. Who is the target population and in what ways will they benefit?</p>	<p>We plan to implement the Hands On Learning Centers through Science Stations regularly within our individual first grade classrooms for the students. The children enjoy exploring with hands on projects and these centers would allow us to do just that for each of them. All students in first grade would be able to use the sets, which will help to further enrich their science skills. Science is truly the way of the future and the early formation for a love for science begins when children make up their minds whether or not it is something they do or do not like or even are or are not good at as well. By allowing students the ability the freely explore and use the science centers kits, students will gain nothing more than a positive outlook on Science, which is crucial for not only their future, but our society's future for growth in the Science field.</p>
<p>What is the problem, need or opportunity that this grant will address? Describe the impact of</p>	<p>This grant will allow our students in first grade who are always craving more hands on science tools and science experiments to be able to do that all year long first hand. Nearly once a week we are asked the question, "When can we do a science experiment?" The answer to which we usually have to say we are unsure or don't know because we don't have enough materials in order to allow our students to learn in this way. In our curriculum we see guiding questions such as: What observations can we make about weather conditions? How can we record the changes in the clouds over time? How can we record the changes in the clouds over time? What</p>

this project on your students.

comparisons can we make about the parts of plants? Plant parts have the same functions even when they look different, for example a flower stem and tree trunk have the same function. What characteristics do young animals have that do not resemble the parent? Some animals change form in their life cycle and do not resemble their parents. These are just some example of the guiding questions we see throughout the school year that the Hands On Learning Centers would allow us to explore even better on a much more regular basis.

Which Allen ISD goals/TEKS does this project support? Please provide 2 examples.

1.4A Collect, record, and compare information using tools, including computers, hand lenses, primary balances, cups, bowls, magnets, collecting nets, notebooks, and safety goggles or chemical splash goggles, as appropriate; timing devices; non-standard measuring items; weather instruments such as demonstration thermometers and windsocks; and materials to support observations of habitats of organisms such as aquariums and terrariums. 1.2E Communicate observations and provide reasons for explanations using student-generated data from simple descriptive investigations. Communicate and explain collected data "I think this is true because _____" "_____ will happen next because _____" "_____ is reasonable because _____"

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

This project enhances AllenISD curriculum by allowing us to explore through out guided questions that the district sets for us in each Science unit. Currently, we are unable to effectively implement and teach the guiding questions without all of the proper hands on manipulatives and tools for our first graders. We will be able to effectively answer Guiding questions such as: How can we record weather data? What are the different characteristics of the seasons? What observations can we make about the life cycle of an animal such as a chicken, frog or fish? We can observe the changes from egg to chick in different stages.

We plan to use this project throughout the school year in Science in first grade. As soon

<p>What is the project timeline and the date of implementation?</p>	<p>as the kits are given to the first grade teachers, we will happily and immediately begin use of the Centers. We anticipate being able to use these for years to come beginning ASAP and long into the future!</p>
<p>What teaching methods will be used to implement this project?</p>	<p>The teaching methods used to implement this project will include small group use independently as well as guided small groups with the teacher. Students will be given the opportunity to explore with them in a small group with their peers and gain some problem solving skills while doing so which is extremely important in learning in the early years. Teachers will additionally teach with targeted instruction skills in science for the students at the Teacher Table with leveled groups using the Centers as well.</p>
<p>What specific measurements will be used to evaluate the effectiveness of the project?</p>	<p>The specific measurements that will be used to evaluate the effectiveness of the Hands on Learning Centers will be documented through Science assessments at the end of each unit after using the centers throughout a unit. In addition, teachers will be able to see the work that the students produce after each center is completed and evaluate how well each child is understanding the concept being presented. Lastly, teachers will be able to use the Centers at the Teacher Table to allow students in small groups that may be struggling with a particular concept or needing enrichment as well.</p>

Project Budget

<p>Total Grant Budget Requested:</p>	<p>1076.00</p>
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Almost done!

	
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Project Budget Set Number 1

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Question	Answer
Item Type	General Supplies
List item to be purchased under item category:	https://www.lakeshorelearning.com/products/science/multiskill-science-products/scien
Unit Cost	269.00
Quantity	4
Total cost of items in this category:	1076.00