



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.	@mscaraway6th
Please provide your work-related Facebook contact information.	
I have co-applicants:	Yes
Best phone number to reach you at:	+14696677752
Campus	Chandler Elementary School
Grade(s)	6

Additional Co-Applicants

Campus	Chandler Elementary School
--------	----------------------------

Project Information

Are there any additional funds available for this grant?	Yes
Will other grades be involved/impacted?	Yes
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?	150
Name of Grant	Building STEAM

Project Information Continued

<p>Provide a brief summary for use on the Foundation's website and social media.</p>	<p>Full STEAM ahead! Chandler Elementary is excited to have Engineering Design Challenge materials available for STEAM club and available for teachers to check out for use in their own classroom. We enjoy promoting communication, collaboration, critical thinking skills, and creativity and engineering design challenges incorporate all of these!</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>The targeted population will be not only students who participate in STEAM club, but also all students in classes that the teachers check out supplies. Teachers will be able to reserve or scan a QR code to check out supplies and then will check them back in. Teachers can use all materials to provide more hands on activities to meet their grade level standards and to have more engineering design challenges in their classrooms.</p>
<p>What is the problem, need or opportunity that this grant will address? Describe the impact of this project on your students.</p>	<p>In 2018, the STEAM club at Chandler was started. We combined standards and engineering design challenges to promote STEAM for our 3rd and 4th graders. Last year, we expanded to 2nd, 3rd, 4th, and 5th graders and started the STEAM closet with materials for teachers to check out supplies to create collaborative and hands on activities in their classrooms or the Science Lab. Magnatiles, Straw Connectors, and Keva Planks have been amazing materials to allow the kids to use, but typically come from my own classroom. COVID halted the STEAM closet project and our STEAM club last spring, but we hope to be able to integrate STEAM and design challenges more often with more widely available materials. This grant will promote the 4 C's of STEAM- Collaboration, Critical Thinking, Communication, and Creativity.</p>
	<p>(Science) 3.4A The student is expected to collect, record, and analyze information using tools, including magnets. (Science) 2.5D The</p>

<p>Which Allen ISD goals/TEKS does this project support? Please provide 2 examples.</p>	<p>student is expected to combine materials that when put together can do things that they cannot do by themselves such as building a tower or a bridge and justify the selection of those materials based on their physical properties.</p>
<p>Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems.</p>	<p>Allen ISD has clearly put an emphasis on STEAM education with the building of the STEAM center. To promote that in the younger grades, we take a trip 1 time a year. To enhance student knowledge and reap the benefits of promoting cross curricular projects and hands on learning, we need to have the materials available.</p>
<p>What is the project timeline and the date of implementation?</p>	<p>STEAM club typically meets in the Spring, so Spring 2022 will be the official date of implementation. To get the STEAM closet up and running, it is almost complete but was halted at Spring Break of 2020. The QR sign in and sign out sheet still need to be created and materials organized in cabinets.</p>
<p>What teaching methods will be used to implement this project?</p>	<p>Collaboration is the best teaching method to implement when implementing design challenges and is what STEAM club is all about.</p>
<p>What specific measurements will be used to evaluate the effectiveness of the project?</p>	<p>Science MAP testing will measure any increase in matter and energy sections across grade levels. Increase participation in STEAM club will be an indicator that having materials available was effective.</p>

Project Budget

<p>Total Grant Budget Requested:</p>	<p>204.91</p>
--------------------------------------	---------------

Almost done!

	
--	---

Project Budget Set Number 1

Question	Answer
Item Type	General Supplies
List item to be purchased under item category:	Keva Planks- 200 plank set
Unit Cost	49.95
Quantity	1
Total cost of items in this category:	49.95

Project Budget Set Number 2

Question	Answer
Item Type	General Supplies
List item to be purchased under item category:	Magnatiles 100 piece set
Unit Cost	119.97
Quantity	1
Total cost of items in this category:	119.97

Project Budget Set Number 3

Question	Answer
Item Type	General Supplies
List item to be purchased under item category:	Playlearn Large 800 piece Straw Builders
Unit Cost	34.99
Quantity	1
Total cost of items in this category:	34.99