



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.	@TeriStepanic
Please provide your work-related Facebook contact information.	
I have co-applicants:	No
Best phone number to reach you at:	+12145347239
Campus	Boon Elementary School
Grade(s)	Kindergarten;1;2;3;4;5;6

Additional Co-Applicants

Campus	Boon Elementary School
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Project Information

Are there any additional funds available for this grant?	No
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?	750
Name of Grant	Boon Does SCIENCE!

Project Information Continued

<p>Provide a brief summary for use on the Foundation's website and social media.</p>	<p>At Boon, we DO science! Our students will have many opportunities to learn science through inquiry with hands-on science labs.</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 supplies purchased with this grant will provide teachers with access to many science materials to provide students with hands-on investigative opportunities. Teachers will use the materials with students to carry out science investigations in the science lab. Every student at Boon will benefit from these supplies throughout their time at Boon as they are able to investigate science with hands-on learning experiences.</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>TEA guidelines suggest 80% of science instruction in grades K-1 be embedded in laboratory and field investigations. The guidelines continue to encourage 60% in grades 2-3, 50% in grades 4-5, and 40% in grade 6. For almost all of our students, at least half of science instructional time should involve hands-on exploratory science investigations. Students learn best by doing and putting science materials in their hands is the best way to achieve this goal. For example, we could show students videos of magnets or the teacher could demonstrate how magnets work. But putting magnets in every students' hands sparks exploration and inquiry. Students can ask questions and test hypotheses, taking their learning and engagement to an entirely different level. Teachers are eager to do science labs with their students but are often faced with a shortage of supplies or difficult scheduling in order to allow all students access to materials. This grant will give us the ability to purchase supplies that teachers need for our science lab that will enable them to provide students with more opportunities for hands-on investigations. The grant will impact every student at Boon by giving them opportunities to engage in hands-on science labs to</p>

	strengthen their learning and understanding in science.
Which Allen ISD goals/TEKS does this project support? Please provide 2 examples.	This grant supports the K-6 science process standards and the TEA guidelines for science investigations at each grade level. This grant also supports Allen ISD's goal of empowered learning by creating learning environments where students take ownership of their learning by doing hands-on science experiments. This will encourage them to be active in their learning.
Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems.	The Allen ISD Science DNA reflects the idea that "We Do Science". The science curriculum has many labs to strengthen student understanding and learning. Having readily accessible supplies for teachers to put in the hands of students will transform passive learning to active learning with hands-on experiences.
What is the project timeline and the date of implementation?	We will use the funds from the grant to order supplies in the Fall of 2021. As soon as we receive the supplies, we will organize the science lab and make them available to teachers to use with students. The science instructional coach will incorporate their knowledge of science labs to support the science TEKS as they plan with teachers in order to give students as many hands-on experiences as possible.
What teaching methods will be used to implement this project?	Science lab materials will be used for a variety of teaching methods, including: -Whole group science lessons and experiments -Collaborative science experiments -Partner activities -Small group instruction/teacher table -Supports the 5E Model: Engage, Explore, Explain, Elaborate, Evaluate
What specific measurements will be used to evaluate the effectiveness of the project?	Teachers will use observation to gauge student engagement during science labs. Teachers will use both formative and summative assessments to evaluate and measure student learning and growth. Teachers will survey students about their engagement during hands-on science labs. The science instructional coach will keep record of science labs during planning with teachers.

Project Budget

Total Grant Budget Requested:	1193.20
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Almost done!

	
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Project Budget Set Number 1

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Learning Resources Magnetic Wands, Set of 24
Unit Cost	55
Quantity	2
Total cost of items in this category:	110.00

Project Budget Set Number 2

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Magnifying Glasses (set of 6)
Unit Cost	35
Quantity	4
Total cost of items in this category:	140.00

Project Budget Set Number 3

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Child Size Lab Safety Goggles (set of 6)
Unit Cost	30
Quantity	5
Total cost of items in this category:	150.00

Project Budget Set Number 4

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Rocks Assortment
Unit Cost	12
Quantity	6
Total cost of items in this category:	72.00

Project Budget Set Number 5

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Stopwatches (set of 12)
Unit Cost	100
Quantity	1
Total cost of items in this category:	100.00

Project Budget Set Number 6

Question	Answer
Item Type	Instructional Supplies or Resources

List item to be purchased under item category:	Thermometers
Unit Cost	3.50
Quantity	24
Total cost of items in this category:	84.00

Project Budget Set Number 7

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Horseshoe Magnets
Unit Cost	3
Quantity	10
Total cost of items in this category:	30.00

Project Budget Set Number 8

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Magnet Kits
Unit Cost	12
Quantity	6
Total cost of items in this category:	72.00

Project Budget Set Number 9

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	1,000 ml Pyrex Beaker
Unit Cost	24

Quantity	4
Total cost of items in this category:	96.00

Project Budget Set Number 10

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	400 ml Pyrex Beaker
Unit Cost	10.35
Quantity	12
Total cost of items in this category:	124.20

Project Budget Set Number 11

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Spring Scales (set of 6)
Unit Cost	43
Quantity	2
Total cost of items in this category:	86.00

Project Budget Set Number 12

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Balances
Unit Cost	10
Quantity	6
Total cost of items in this category:	

Total cost of items in this category:

60.00

Project Budget Set Number 13

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Hand Lens
Unit Cost	2.30
Quantity	30
Total cost of items in this category:	69.00