



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:	+19728373536
Campus	Marion Elementary School
Grade(s)	4

Additional Co-Applicants

Campus	Marion Elementary School
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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?	500
Name of Grant	Let There Be Light

Project Information Continued

Provide a brief summary for use on the Foundation's website and social media.	Let There Be Light provides experiences with hands-on explorations and STEAM investigations for 3rd-6th grade students by engaging them with energy concepts and skills first hand.
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How will the project or program be implemented? Describe activities and tasks. Who is the target population and in what ways will they benefit?	The funds from this grant will be used to purchase materials for 3-6th grade students to use during science instruction. By purchasing the needed supplies, we will be able to engage students with real-world connections to the science that they are learning about in class. Through hands-on investigations, students will learn basic knowledge of energy, energy transfer, electricity, and circuits. We plan to integrate STEAM activities through this unit and need extra supplies in order for students to extend learning and creativity. Students will develop a deeper understanding of science topics and be able to relate to how scientists around the world are working on scientific issues. The items purchased with this grant would provide access to the science curriculum and extend it for all students.
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What is the problem, need or opportunity that this grant will address? Describe the impact of this project on your students.	Science expertise and knowledge is critical to current and future society. Marion Elementary has a lack of basic supplies in which students can create and explore with general electricity experiments. In order to learn best, students need supplies in their hands, so they can learn from mistakes and exploration. With the use of funds from this grant, we would like to increase student exposure and engagement with science, especially in the area of energy and electricity.
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Which Allen ISD goals/TEKS does this project support? Please provide 2 examples.	The resources purchased with this grant will align with many Process Standards and Force, Motion and Energy Science TEKS for grades 3-6, but specifically will address TEKS. (3.6A, 4.6A, 4.6B, 4.6C, 5.6A, 5.6B, and 6.9C). The new materials will help fulfill two of Allen ISD's district beliefs: *We believe every child
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	deserves the highest quality education. *We hold ourselves accountable to every child who walks through the door.
Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems.	In Allen ISD, “We DO Science.” We want our students at Marion to have opportunities to interact with real-life connections to what they are learning in the classroom. Through the experiences with the electricity materials, our students will be engaged and make connections with the content they are learning about in their science classroom. Because of these authentic connections, students will learn science content, see the impact that science has on their own lives, and consider science as a viable career opportunity. We want all of our students to feel successful in science and be empowered by their abilities so they continue to be life-long learners.
What is the project timeline and the date of implementation?	We will purchase the materials in September and begin using them immediately during classroom instruction. The materials purchased will continue to be used during instruction and intervention block throughout the remainder of the school year.
What teaching methods will be used to implement this project?	What teaching methods will be used to implement this project? The items purchased with this grant will be used for whole class, small group, tutoring and intervention instruction. All third through sixth grade students will use the materials, as well as any needed groups from kindergarten through second grades.
What specific measurements will be used to evaluate the effectiveness of the project?	The effectiveness of the project will be measured through student scores during formative and summative classroom assessments, MAP Assessments at beginning, middle and end of the year, and end of year 5th Grade Science STAAR assessment. We hope to also see increased engagement and interest in science and STEAM learning.

Project Budget

Total Grant Budget Requested:	912.05
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Almost done!



Project Budget Set Number 1

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Energizer Max D Batteries, Premium Alkaline D Cell Batteries (12 Battery Count)
Unit Cost	15.25
Quantity	4
Total cost of items in this category:	61.00

Project Budget Set Number 2

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Electricity through STEM Design Challenge Kit AP8318
Unit Cost	51.95
Quantity	1
Total cost of items in this category:	51.95

Project Budget Set Number 3

Question	Answer
Item Type	Instructional Supplies or Resources

List item to be purchased under item category:	Electrical Tape AP6011(Black)
Unit Cost	2.70
Quantity	4
Total cost of items in this category:	10.80

Project Budget Set Number 4

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Knife Switch AP 9069
Unit Cost	5.00
Quantity	10
Total cost of items in this category:	50.00

Project Budget Set Number 5

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Battery Holder AA AP6944
Unit Cost	1.57
Quantity	10
Total cost of items in this category:	15.70

Project Budget Set Number 6

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Battery Holder D cell AP 9274
Unit Cost	2.14

Quantity	10
Total cost of items in this category:	21.40

Project Budget Set Number 7

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	PVC Insulated copper Wire Black AP 4716
Unit Cost	14.95
Quantity	8
Total cost of items in this category:	119.60

Project Budget Set Number 9

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Mini Light Bulbs 1.2V AP 9072
Unit Cost	1.80
Quantity	40
Total cost of items in this category:	72.00

Project Budget Set Number 11

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Generating Electricity with Wind Design challenge AP 8051
Unit Cost	50.40
Quantity	1

Total cost of items in this category:	50.40
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Project Budget Set Number 12

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Electric Buzzer AP 4824
Unit Cost	14.1
Quantity	5
Total cost of items in this category:	70.50

Project Budget Set Number 13

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Electric Motor Kit AP 4540
Unit Cost	15.50
Quantity	5
Total cost of items in this category:	77.50

Project Budget Set Number 14

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Connector cord Alligator clip 14" AP 6321
Unit Cost	1.93
Quantity	40
Total cost of items in this category:	77.20

Project Budget Set Number 15

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Lamp Board, Five Lamp Series AP 6475
Unit Cost	29.55
Quantity	5
Total cost of items in this category:	147.75

Project Budget Set Number 16

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Genecon Generator AP 6585
Unit Cost	74.25
Quantity	1
Total cost of items in this category:	74.25

Project Budget Set Number 17

Question	Answer
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Wire Crimper AP 5898
Unit Cost	12.00
Quantity	1
Total cost of items in this category:	12.00