

Foundation For Allen Schools Grant Application

Let's get to know you!

First Name	Shawna
Last Name	Wheeler
Preferred name/name that you go by:	Shawna
Email Address	shawna.wheeler@allenisd.org
Best phone number to reach you at:	14692586292
Campus	Norton Elementary School
Grade(s)	5
I have co-applicants:	No
Please provide your work-related Facebook contact information.	Not Answered
Please provide your work-related Twitter contact information.	ScienceChicTX

Project Information

Name of Grant	Circuits Alive
Please select the MAIN curriculum area your grant addresses.	Science / STEAM
Does your grant have a technology component?	No
Does your grant have a need or requirement that will change, alter, or require any maintenance to Allen ISD Properties?	No
Will other campuses be involved/impacted?	No
Will other grades be involved/impacted?	Yes
How many students will be involved in this grant?	200
Are there any additional funds available for this grant?	No

Project Information Continued

<p>What is the problem, need or opportunity that this grant will address? Describe the impact of this project on your students.</p>	<p>We are in need of more components for our energy TEKS. Many of our materials are outdated or broken. It's difficult for all students to have a hands on experience without enough materials. These are needed to see how energy flows and to retain the concepts and be prepared for STAAR.</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 4th and 5th grades. They will be stored in a labeled cabinet in the Science Lab. Teachers will check them out to use with their class. There will be batteries, wires, bulbs, buzzers, and switches. For intervention there will be snap circuit kits. Students will use these to better understand the flow of energy and how electricity flows through a closed/complete circuit.</p>

Provide a brief summary for use on the Foundation's website and social media.	Circuit's Alive will give students the hands on opportunity to see how energy flow through a complete circuit to perform a task. They will see how circuits impact our world and are used in everyday objects.
Which Allen ISD goals/TEKS does this project support? Please provide 2 examples.	5.6A Explore the uses of energy including mechanical, light, thermal, electrical, and sound energy. 5.6B Demonstrate that the flow of electricity in circuits requires a complete path through which and electric current can pass and produce light, heat, and sound.
What specific measurements will be used to evaluate the effectiveness of the project?	Growth will be evident in stations, in class activities, and MAP and STAAR testing. Grades 4 and 5 will have assess to these materials. Students should have a stronger understanding of the concepts because of the hands on learning and quality instruction that will be available to them.
What teaching methods will be used to implement this project?	Hands on lab experiences as well as direct teach and small group activities. Many of this activities come from the curriculum documents and Stemsscopes.
What is the project timeline and the date of implementation?	Items will be purchased and used for the upcoming 2022-2023 school year.
Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems.	These TEKS are in the curriculum to be taught each year. Providing us with the tools needed to teach them more effectively will improve this curriculum and experience for students. Students will have more of a hands on learning approach which Allen ISD encourages.

Project Budget

Total Grant Budget Requested:	492.03
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Project Budget Set Number 1

Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	EBL D Cells 10000mAh Rechargeable Batteries (4 Counts) with C D 9V AA AAA Battery Charger
Unit Cost	38.92
Quantity	3
Total cost of items in this category:	116.76

Project Budget Set Number 2

Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Allmax AA Maximum Power Alkaline Batteries (100 Count Bulk Pack) – Ultra Long-Lasting Double A Battery, 10-Year Shelf Life, Leak-Proof, Device Compatible – Powered by EnergyCircle Technology (1.5V)
Unit Cost	26.99
Quantity	1
Total cost of items in this category:	26.99

Project Budget Set Number 3

Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Playz Electrical Circuit Board Engineering Kit for Kids with 25+ STEM Projects Teaching Electricity, Voltage, Currents, Resistance, & Magnetic Science Gift for Children Age 8, 9, 10, 11, 12, 13+
Unit Cost	29.99
Quantity	1
Total cost of items in this category:	29.99

Project Budget Set Number 4

Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Snap Circuits LIGHT Electronics Exploration Kit Over 175 Exciting STEM Projects Full Color Project Manual 55+ Snap Circuits Parts STEM Educational Toys for Kids 8+, Multi
Unit Cost	68.72
Quantity	1
Total cost of items in this category:	68.72

Project Budget Set Number 5

Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	KAIWEETS 10PCS Electrical Alligator Clips with Wires Test Leads Sets Soldered and Stamping Jumper Wires for Circuit Connection/Experiment, 21 inches 5 Colors (10 PCS)
Unit Cost	6.09
Quantity	10
Total cost of items in this category:	60.90

Project Budget Set Number 6

Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	KAIWEETS Digital Multimeter with Case, DC AC Voltmeter, Ohm Volt Amp Test Meter and Continuity Test Diode Voltage Tester for Household Outlet, Automotive Battery Test (Anti-Burn with Double Fuses)
Unit Cost	13.16
Quantity	1
Total cost of items in this category:	13.16

Project Budget Set Number 7

Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	10pcs Lime2018 Single Pole Single Throw Switch:Used For Physics Laboratory,School Electronic Experimenting,great for demos teaching basic principles of electricity & how a simple circuit works
Unit Cost	13.99
Quantity	2
Total cost of items in this category:	27.98

Project Budget Set Number 8

Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	BAENRCY 40pcs 2mm Shaft Propeller with 4 Vanes and 3 Vanes,40mm and 80mm Fan Leaves RC Boat Propeller for DIY Science and Toys
Unit Cost	7.99
Quantity	1
Total cost of items in this category:	7.99

Project Budget Set Number 9

Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	10pcs Micro 130 DC Motor Strong Magnetic Brushed Electric DC 3V -12V 25000 RPM Cars Toys Electric Motor, High Speed Torque DIY Remote Control Toy Car Hobby Motor, Metal Car Engine Motor Kit for Toys
Unit Cost	12.99
Quantity	2
Total cost of items in this category:	25.98

Project Budget Set Number 10

Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	BNYZWOT Active Piezo Electric Buzzer Alarm DC 3-24V Electronic Buzzer Alarm Sounder Continuous Beep 10Pcs
Unit Cost	10.79
Quantity	2
Total cost of items in this category:	21.58

Project Budget Set Number 11

Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Snap Circuits 203 Electronics Exploration Kit Over 200 STEM Projects 4-Color Project Manual 42 Snap Modules Unlimited Fun

Unit Cost	33.29
Quantity	1
Total cost of items in this category:	33.29

Project Budget Set Number 12

Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Snap Circuits "Arcade", Electronics Exploration Kit, Stem Activities for Ages 8+, Multicolor (SCA-200)
Unit Cost	34.99
Quantity	1
Total cost of items in this category:	34.99

Project Budget Set Number 13

Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	Amazon Basics 12 Pack D Cell All-Purpose Alkaline Batteries, Easy to Open Value Pack
Unit Cost	11.85
Quantity	2
Total cost of items in this category:	23.70

NGB

First Name	Last Name	Email	NGB	Record	Letter
Aimee	Cherry	aimee.cherry@allenisd.org	RN236035	Name: Rec238408, Status: Submitted	Click on the 'Edit' button to replace this with your letter.

NGB Custom Questions and Answers

Rec238408

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, teacher's name or mascot **	Approve
Please provide comments/feedback for the applicant:	This is great! Highly recommend.

Almost done!

Not Available	
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