

# STEM-CAN

STEM-CAN Supporters, Inc.  
[www/STEM-CAN.org](http://www/STEM-CAN.org)

12112 N. Rancho Vistoso Blvd.  
Suite A150, Unit 142  
Tucson, AZ 85755  
[stem-can@msn.com](mailto:stem-can@msn.com)  
Ph. 520 434 9710

December 20, 2017

Dawn Tinsley, Principal  
Donaldson Elementary School  
2040 W. Omar Dr.  
Tucson, AZ 85704

Dear Dawn:

We have received your approval of Amanda Mullon's project. We are happy to support this praiseworthy project to the extent of \$576.91; enclosed is check #1411 in that amount made to your school.

We are proud to support such worthy projects and look forward to helping to get parents and community to take pride in making your school excel even further.

I hope you and your staff enjoy the most important job after parenting,

Stephen Uhl, Ph.D., President  
STEM-CAN Supporters, Inc.  
For 100% graduation of caring students

Enc.:

Check  
Assistance form(s)

Cc by email:

[amullon@amphi.com](mailto:amullon@amphi.com)  
[uhldiane@gmail.com](mailto:uhldiane@gmail.com)

Original

## Teacher Assistance

# STEM-CAN

12112 N. Rancho Vistoso Blvd.  
Suite A150, Unit 142  
Tucson, AZ 85755

To enhance your educational effectiveness STEM-CAN Supporters, Inc (SCS) is offering www.STEM-CAN.org 1) to teachers and STEM Club sponsors in need (Title 1) neighborhood public elementary schools. 2) funds by mailing to the above address a paper copy of this completed form, signed and dated by both you and your Principal.

### PROPOSAL details --

1. What is something you want to do for or with your students but cannot currently afford to do it?  
I would like to give my students the opportunity to dive deeper into what STEM really is and let them explore every aspect of the 4 categories of STEM...Science, Technology, Engineering and Mathematics.
2. In 200 words or less, describe this project, listing individual items' estimated costs totaling up to \$600.

I would love to be able to offer my students the opportunity to choose to explore with a different STEM kit every day. There are a variety of resources that I would like to purchase for the engineering aspect. Some of these include KEVA structures: building with planks, creating with brain plates, gears, and magna-tiles and exploring more into the math realm with tangram puzzles and geometric shapes. I would also like to explore more into the technology aspect and introduce coding to my students this year. I would like to do this by using an "Ozobot" with our 3<sup>rd</sup> grade buddies. For the science aspect, I would like to have my students set up a working ant farm in our classroom.

The following is a list of the items I would like:

Geosafari Ant Factory: \$32.99

Magformers Challenger Set 112 pieces: \$76.59

ZOOB BuilderZ 500 piece kit: \$53.99

KEVA Structures 200 Plank Set: \$44.99

iPuzzle snowflake creative construction building 1200 pieces: \$19.99

Ozobot : Evo app-connected coding robot: \$89.99

Ozoeasy sticker codes starter pack: \$12.99

Build and learn Geometric shapes kit: \$39.99 + \$4.99 shipping

Travel Tangram Puzzles: \$10.99

Learning Resources Gears! Gears! Gears! 100 Pieces: \$24.99

Goobi 300 piece: \$89.95

ETI Toys: Engaging Jigsaw Puzzles 490 Piece Set: \$18.99

Gravity Maze: \$21.99

Squigz deluxe 50 piece set - \$49.95

TOTAL cost of proposal \$593.41

(If more space is needed, please continue on reverse side of this sheet.)

3. Applicant's remarks/suggestions/questions:

Teacher/Applicant \_\_\_\_\_ Room/Grade \_\_\_\_\_ email \_\_\_\_\_

Teacher/Applicant's signature \_\_\_\_\_ Date signed \_\_\_\_\_

Principal \_\_\_\_\_ email \_\_\_\_\_ Phone \_\_\_\_\_

Principal's signature \_\_\_\_\_ Date signed \_\_\_\_\_

School name \_\_\_\_\_ District \_\_\_\_\_

School mailing address \_\_\_\_\_

NOTE -- Snail mail to: STEM-CAN Supporters, Inc., 12112 N. Rancho Vistoso Blvd., Suite A150, Unit 142, Tucson, AZ 85755  
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**STEM-Community Action Network Supporters (SCS) --- basic principles:**

- SCS is deeply convinced 'It takes a community' to educate its own youngsters maturely.
- All SCS funds and efforts are motivated "For 100% graduation of caring students."
- All SCS efforts are approved by the clear authority of the local Public School Principal.
- No one knows a school community's needs and joys better than that community itself.
- No one, no one, really cares as much about a community's success as that community does.
- All SCS funds are directed to enhancing cooperation within the Public School Community

GRANTS PROJECT COORDINATION

**PROJECT PROFILE**

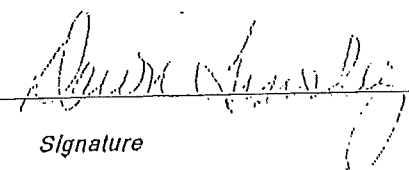


\*Forms should be submitted to Mike Bejarano, School Operations

<p><b>Working title:</b></p>	<p>Stem-Can Teacher Assistance for Amanda Mullon</p>
<p><b>Target population:</b> <i>(Which schools, grades, staff, etc. are impacted?)</i></p>	<p>Donaldson Elementary, Kindergarten</p>
<p><b>General problem addressed by the project:</b></p>	<p>While purchasing "dollar store" items for STEM challenges is simple and effective, I would like to have my students work with materials and technologies that are beyond dollar store finds. I believe confidence in planning, working together, creating and evaluating are key to success in the future and my students need as many opportunities for this as possible at a young age!</p>
<p><b>Project Synopsis:</b> <i>(Please also attach the proposal abstract or any additional clarifying information needed.)</i></p>	<p>I want to provide multiple opportunities for my students to engage in STEM activities. The variety listed below can be used in many combinations and I will be able to easily offer them engaging, brain-building STEM challenges all year long. The Evo robots, First Robot Engineering Kit, Robot Mouse and Robot Turtles game are all geared toward helping young children understand the basics of programming. Even as an adult, the concept behind programming can seem daunting unless given opportunities to learn in small, enjoyable chunks. I am interested in using the magnet kit as a long standing center option that will challenge the students to explore and make conclusions when posed with a guiding question. Construction kits such as the Gears, Playstix, Tinkertoys and Snowflakes enable students to build in ways that are sturdy, creative and unlimited when paired with their imagination.</p>
<p><b>Source and amount of funding requested:</b></p>	<ul style="list-style-type: none"> <li>-Evo App-Connected Coding Robot, white \$89.99</li> <li>-Learning Resources Gears! Gears! Gears! Build &amp; Bloom Building Set \$23.00</li> <li>-Kids First Robot Engineer Kit and Storybook \$34.99</li> <li>-Lakeshore STEM Science Station - Magnets \$49.99 + \$5.99 Shipping</li> <li>-Popular Playthings Playstix Deluxe Set (211 pieces) \$38.89</li> <li>-AGARE 500 PC Bars Different Shape Creative and Educational Building Block Toy - 3D Puzzle with a Plastic Storage Box \$20.98</li> <li>-EMIDO Building Blocks Kids Educational Toys STEM Toys Building Discs Sets</li> <li>Interlocking Solid Plastic for Preschool Kids Boys and Girls,</li> </ul>

Safe Material for Kids - 120 Pieces with Storage Bag \$14.98  
 -IPuzzle 1200pcs Snowflake Creative Construction Building Block Educational Toy Set \$19.99  
 -TINKERTOY - Essentials Value Set - 150 Pieces - Ages 3+ Preschool Educational Toy \$49.99  
 -IQ Bulder, STEM Learning Toys, Creative Construction Engineering, Fun Educational Building Toy Set for Boys and Girls Ages 5 6 7 8 9 10 Year Old+, Best Gift for Kids, 333 PCS Kit with Box \$33.33  
 -Learning Resources Code & Go Robot Mouse Activity Set, 83 Pieces \$39.00  
 -ZOOB Bullder STEM Challenge \$34.99  
 -ThinkFun Robot Turtles Board Game \$21.97  
 -Evo Experience Pack, FREE with Evo Purchase (Usually \$9.99)  
 -Evo App-Connected Coding Robot, Black \$79.99  
 Tax: \$18.84  
 Total cost of proposal: \$576.91, all Items were found on Amazon.com and are free to ship through Amazon Prime except the Lakeshore STEM Science Station - Magnets which is \$5.99 to ship.

COST REIMBURSEMENT GRANT?  YES  NO

<b>Funding will pay for:</b> <i>(People, equipment, materials, training, services, supplies, etc.)</i>	Materials and shipping cost of Lakeshore STEM Science Station - Magnets.
<b>District contribution(s):</b>	N/A
<b>Potential partners &amp; their contributions:</b>	Stem-Can Supporters Inc
<b>Sustainability plan:</b> <i>(Explain how the project will be sustained without committing district funds)</i>	Materials are self-sustaining.
<b>Principal/Department Authorization:</b>	<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">   <i>Signature</i> </div> <div style="text-align: center;">           Dawn Tinsley  <i>Name, printed</i> </div> <div style="text-align: center;">           1/11/18  <i>Date</i> </div> </div>

Submitted by:	<div style="display: flex; justify-content: space-between; border-bottom: 1px solid black; margin-bottom: 5px;"> <span style="width: 30%;"></span> <span style="width: 30%;"></span> <span style="width: 30%;"></span> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <span style="width: 30%;"><i>Signature</i></span> <span style="width: 30%;"><i>Name, printed</i></span> <span style="width: 30%;"><i>Date</i></span> </div> <p>By signing this document, I acknowledge that purchases must follow the district's required bidding/purchasing process and will adhere to USFR* regulations and any other reporting requirements of the funder. <i>All fixtures, equipment and instructional materials (or other improvements) received under this grant will become the property of the Amphitheater School District and not the applicant.</i></p>		
Phone & Email:	<i>616 635 2000 (Amphitheater)</i>	Date:	<i>1-11-18</i>

\*USFR = Uniform System of Financial Records required by ADE and the Auditor General's office for bookkeeping & reporting methods on expenditures.

GRANTS PROJECT COORDINATION

PROJECT PROFILE



\*Forms should be submitted to Mike Bejarano, School Operations

<p><b>Working title:</b></p>	<p>Kindergarten Teacher</p>
<p><b>Target population:</b> <i>(Which schools, grades, staff, etc. are impacted?)</i></p>	<p>Donaldson Elementary, Kindergarten students</p>
<p><b>General problem addressed by the project:</b></p>	<p>Lack of STEM resources</p>
<p><b>Project Synopsis:</b> <i>(Please also attach the proposal abstract or any additional clarifying information needed.)</i></p>	<p>This project will allow more students daily access to STEM materials.</p>
<p><b>Source and amount of funding requested:</b></p>	<p>STEM-CAN Supporters, Inc. \$593.41 COST REIMBURSEMENT GRANT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>
<p><b>Funding will pay for:</b> <i>(People, equipment, materials, training, services, supplies, etc.)</i></p>	<p>Materials</p>
<p><b>District contribution(s):</b></p>	<p>\$0</p>
<p><b>Potential partners &amp; their contributions:</b></p>	<p></p>
<p><b>Sustainability plan:</b> <i>(Explain how the project will be sustained without committing district funds)</i></p>	<p>This project will only need free software to help run the Ozobots.</p>
<p><b>Principal/Department Authorization:</b></p>	<p><i>[Signature]</i> Signature <i>Dawn Tinsley</i> Name, printed <i>1/11/19</i> Date</p>

Submitted by:	Erin McAllister		January 11, 2018
	<i>Signature</i>	<i>Name, printed</i>	<i>Date</i>
<p>By signing this document, I acknowledge that purchases must follow the district's required bidding/purchasing process and will adhere to USFR* regulations and any other reporting requirements of the funder. <i>All fixtures, equipment and instructional materials (or other improvements) received under this grant will become the property of the Amphitheater School District and not the applicant.</i></p>			
Phone & Email:	696-6160	Date:	1/11/2018

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