

STEM-CAN

STEM-CAN Supporters, Inc.
www/STEM-CAN.org

12112 N. Rancho Vistoso Blvd.
Suite A150, Unit 142
Tucson, AZ 85755
stem-can@msn.com

March 30, 2018

Daniel Schneider
Amphitheater High School
125 W. Yavapai Rd.
Tucson, AZ 85705

Dear Daniel (and Jon):

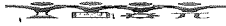
We are proud to support your principal-approved project as we continue Phase One of our STEM-CAN program to support your Public School Community. Enclosed find check #1518 for \$500.00 made to your school for the direct funding of this praiseworthy project.

Please deliver this check to your principal/school financial officer A.S.A.P.

Thanks for your dedication to a challenging job,

Stephen Uhl, Ph.D.
President

Enc.: Check
cc.: jlansa@amphi.com



STEM-CAN

Teacher Assistance **PROPOSAL**
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To enhance your educational effectiveness STEM-CAN Supporters (SCS) is offering assistance in regular or traditional neighborhood public schools in Southern Arizona. If you are (not charter nor magnet), you may apply for up to \$600 by emailing this form or copying and snailmailing a paper copy to the above address. Your Principal's expressed approval of the project is necessary. (To electronically fill out this fillable PDF form, you may need to take steps like: Open file, Click 'Fill & Sign', type your answers, Click on 'Send & Track', Click icon for emailing, ...)

PROPOSAL details:

1. What is something that you would like very much to do for or with your students but you cannot currently afford to do it?
Our school has a growing Computer Science program, but recruitment is still a challenge, especially with students from the middle school who may not be aware of the computer science opportunities that are available when they reach high school. One of the issues is that most of our projects that we could show students live on the computer – they're not easily mobile and they're not always very interactive. This creates a challenge for our students to share their love of computer science in a way that is both mobile and engaging in an effort to recruit new students.

2. In 200 words or less, describe this project, listing the estimated costs of the items of the planned project totaling up to \$600.
I would like to purchase two LittleBits STEM kits. LittleBits is an award-winning set of interactive electronics for STEM interests. By fitting together the different pieces, students can create a variety of interactive projects very quickly and with little instruction – the pieces just fit together to form new projects. This makes these tools an ideal way to introduce Computer Science concepts to new students, including outreach to the nearby Middle & Elementary Schools for various STEM events. The two kits I would purchase are the Gizmos & Gadgets kit (<https://shop.littlebits.com/products/gizmos-and-gadgets-kit-2nd-edition>) and the Smart Home kit (<https://shop.littlebits.com/products/smart-home-kit>). The total price for both kits is \$448.95 + Shipping & Tax, bring the actual total closer to \$500

3. TOTAL cost of proposal **\$500**

4. My Principal reviewed and approved this project on or about (date Principal approved) **3/27**

5. Teacher/Applicant **Daniel Schneider** Room/grade **309 – 11th & 12th** email **dschneider@amphi.com**

6. Principal **Jon Lansa** email **jlansa@amphi.com** Phone **520.696.5370**

7. Public School name **Amphitheater High School** District **Amphitheater School District**

8. School mailing address **125 W Yavapai Rd Tucson AZ 85705**

9. **Email** this completed form, or **Snail mail** a paper copy to SCS at the address above.

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

Little Bits

Budget - AxiDraw V3

2018

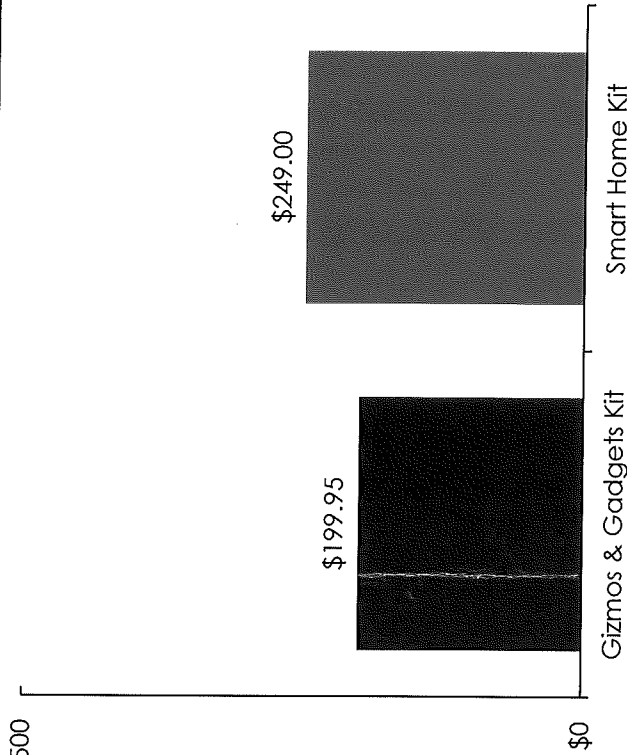
\$500

SUMMARY

Gizmos & Gadgets Kit \$199.95

Smart Home Kit \$249.00

Total \$448.95

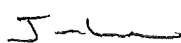
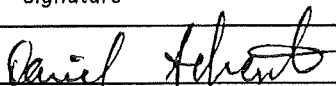


GRANTS PROJECT COORDINATION

PROJECT PROFILE

*Forms should be submitted to Mike Bejarano, School Operations
Executive Director Student Services



Working title:	Don't Stop Believin' – Hold Onto those LittleBits STEM Modules		
Target population:	AHS Computer Science Classes		
General problem addressed by the project:	Our school has a growing Computer Science program, but recruitment is still a challenge, especially with students from the middle school who may not be aware of the computer science opportunities that are available when they reach high school. One of the issues is that most of our projects that we could show students live on the computer – they're not easily mobile and they're not always very interactive. This creates a challenge for our students to share their love of computer science in a way that is both mobile and engaging in an effort to recruit new students.		
Project Synopsis: <i>(Please also attach the proposal abstract or any additional clarifying information needed.)</i>	I would like to purchase two LittleBits STEM kits. LittleBits is an award-winning set of interactive electronics for STEM interests. By fitting together the different pieces, students can create a variety of interactive projects very quickly and with little instruction – the pieces just fit together to form new projects. This makes these tools an ideal way to introduce Computer Science concepts to new students, including outreach to the nearby Middle & Elementary Schools for various STEM events. The two kits I would purchase are the Gizmos & Gadgets kit (https://shop.littlebits.com/products/gizmos-and-gadgets-kit-2nd-edition) and the Smart Home kit (https://shop.littlebits.com/products/smart-home-kit). The total price for both kits is \$448.95 + Shipping & Tax, bring the actual total closer to \$500		
Source and amount of funding requested:	STEM-CAN - \$500		COST REIMBURSEMENT GRANT? <input type="checkbox"/> YES <input type="checkbox"/> NO
Funding will pay for:	LittleBits Gizmos & Gadgets Kit & LittleBits Smart Home Kit		
District contribution(s):	\$0		
Potential partners & their contributions:	\$0		
Sustainability plan: <i>(Explain how the project will be sustained without committing district funds)</i>	This is a one-time purchase.		
Principal/Department Authorization:	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  <i>Signature</i> </div> <div style="text-align: center;"> Jon Lanza <i>Name, printed</i> </div> <div style="text-align: center;"> 4/5/18 <i>Date</i> </div> </div>		
Submitted by:	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  <i>Signature</i> </div> <div style="text-align: center;"> Daniel Scheider <i>Name, printed</i> </div> <div style="text-align: center;"> 4/5/18 <i>Date</i> </div> </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. 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.</p>		
Phone & Email:	520.696.5343	Date:	4/5/18

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

ok Shille 4/11/18