

# 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)

March 28, 2018

Jill Sinclair  
Holaway Elementary School  
3500 N. Cherry Ave.  
Tucson, AZ 85719

Dear Jill (Chris):

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 #1513 for \$572.00 made to your school for the direct funding of this praiseworthy project.

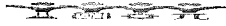
Please deliver this check to your principal/school financial officer A.S.A.P.

Thanks for your dedication to a challenging job,

Stephen Uhl, Ph.D.  
President

Enc.: Check

cc.: [cgutierrez@amphi.com](mailto:cgutierrez@amphi.com)



# STEM-CAN

Teacher Assistance PROPOSAL  
STEM-CAN Supporters, Inc.

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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 a public school teacher (not charter nor magnet), you may apply for up to \$600. Your Principal's expressed approval of the project is necessary. (If you are returning a paper copy of your application, mail to the above address, keeping copies for your Principal and for your own records.)

**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?

\_\_\_ I would like to provide science and STEM literature for K-5 students to use while they are learning about the different content areas of science.

2. In 200 words or less, describe this project, listing the estimated costs of the items of the planned project totaling up to \$600.

Part of the New Generation Science Standards is to have sense making and science practices within all lessons. This entails helping students "figure out" different science phenomena through research and hands on learning instead of "direct teaching" the concepts. This sense-making is key to the new science standards that Arizona will soon be adopting. Students will need to obtain, evaluate, and communicate information. They will also need to engage in argument from evidence and analyze and interpret data. In order for students to do this, they need to have readily available resources to use that is not just google. This generation is losing the ability to use books as resources for science. These resources can be purchased as sets through Nasco Elementary Education. Title sets for across the K-5 grade levels include: Look Once, Look Again: Exploring Habitats, Plant Experiments Books Set, Ture Book Ecosystems Series, Land Formation Books, Summer Camp Science Mysteries, Science Alliance Physical Science Book set, Your Body Systems Book Set, Rocks and Minerals Book Set, SuperScience STEM Instant Activities.

3. TOTAL cost of proposal \_\_\_\$572.00\_\_\_\_\_

4. My Principal reviewed and approved this project on or about (date Principal approved)\_\_\_3/28/18\_\_\_\_\_

5. Teacher/Applicant\_\_\_Jill Sinclair\_\_\_\_\_ Room/grade\_\_\_4/3\_\_\_\_\_ email\_\_\_jsinclair@amphi.com\_\_\_\_\_

6. Principal \_\_\_Chris Gutierrez\_\_\_\_\_ email \_\_\_cgutierrez@amphi.com\_\_\_\_\_ Phone\_696-6887\_\_\_\_\_

7. Public School name \_\_\_Holaway Elementary\_\_\_\_\_ District \_\_\_Amphitheater School District\_\_\_\_\_

8. School mailing address \_\_\_3500 N. Cherry Ave., Tucson, AZ 85719\_\_\_\_\_

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

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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




|  |  |
|--|--|
| <p><b>Working title:</b></p>   | <p>STEM CAN, Science Book Grant</p>  |
| <p><b>Target population:</b><br/><i>(Which schools, grades, staff, etc. are impacted?)</i></p>   | <p>K-5 Students and Teachers at Holaway Elementary</p>   |
| <p><b>General problem addressed by the project:</b></p>  | <p>This grant will allow the school to start building a science content library to support current standards and in preparation for the new science standards adoption.</p> <p><i>Use new Arizona standards understanding</i></p>  |
| <p><b>Project Synopsis:</b><br/><i>(Please also attach the proposal abstract or any additional clarifying information needed.)</i></p> | <p>Part of the <u>New Generation</u> Science Standards is to have sense making and science practices within all lessons. This entails helping students "figure out" different science phenomenas through research and hands on learning instead of "direct teaching" the concepts. This sense-making is key to the new science standards that Arizona will soon be adopting. Students will need to obtain, evaluate, and communicate information. They will also need to engage in argument from evidence and analyze and interpret data. In order for students to do this, they need to have readily available resources to use that is not just google. This generation is losing the ability to use books as resources for science. These resources can be purchased as sets through Nasco Elementary Education. Title sets for across the K-5 grade levels include: Look Once, Look Again: Exploring Habitats, Plant Experiments Books Set, Ture Book Ecosystems Series, Land Formation Books, Summer Camp Science Mysteries, Science Alliance Physical Science Book set, Your Body Systems Book Set, Rocks and Minerals Book Set, SuperScience STEM Instant Activities.</p> |

|   |   |   |         |
|---|---|---|---------|
|   |   |   |         |
| <b>Source and amount of funding requested:</b>  | STEM CAN, Supporters, Inc \$571.50<br>COST REIMBURSEMENT GRANT? <input type="checkbox"/> YES x <input checked="" type="checkbox"/> NO |   |         |
| <b>Funding will pay for:</b><br><i>(People, equipment, materials, training, services, supplies, etc.)</i>           | Book Sets   |   |         |
| <b>District contribution(s):</b>  | \$0   |   |         |
| <b>Potential partners &amp; their contributions:</b>  |   |   |         |
| <b>Sustainability plan:</b><br><i>(Explain how the project will be sustained without committing district funds)</i> | Will not need to be sustained.  |   |         |
| <b>Principal/Department Authorization:</b>  | <br><i>Signature</i>                               | Chris Gutierrez<br><i>Name, printed</i> |         |
| <b>Submitted by:</b>  | <br><i>Signature</i>  | Jill Sinclair<br><i>Name, printed</i>   |         |
| <b>Phone &amp; Email:</b>   | 696-6892 jsinclair@amphi.com  | <b>Date:</b>                            | 3/28/18 |

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

ok SLH 4/1/18

Note: align with the new Arizona Science Standards currently up for review. NOT NBSS. otherwise ok.  


| <b>Title</b>                                    | <b>Item #</b> | <b>Price</b> |
|---|---------------|--------------|
| Look Once, Look Again:<br>Exploring Habitats    | 1501120B781   | 39.95        |
| Plant Experiments Books<br>Set                  | EL14395B781   | 48.95        |
| True Book Space Series                          | 1507615b781   | 64.95        |
| Land Formation Books                            | EL12035B781   | 36.95        |
| Summer Camp Science<br>Mysteries                | EL12160B781   | 49.95        |
| Read and Experiment<br>Book Sets                | EL15533B781   | 59.95        |
| Your Body Systems Set                           | EL13020B781   | 39.95        |
| Rocks and Minerals Book<br>Set                  | EL12997B781   | 144.95       |
| SuperScience STEM<br>Instant Activities Gr 1-3  | SN36886B781   | 42.95        |
| SuperScience STEM<br>Instant Activities Gr. 4-6 | SN36887B781   | 42.95        |