

Board of Directors

25 September 2018

Trindy LeForge
Chair

Michelle Martin
Nash Elementary School

Julie Charters
Treasurer

Dear Michelle,

Rebecca Ford
Secretary

Since 1983, our mission has been to promote academic excellence through the expansion of resources that enrich the education, development, and well-being of the students of the Amphitheater Public School District. The Amphi Foundation has, for most of its history, focused primarily on services that help make it possible for students to attend school and participate in activities and in recent years we have added Classroom Grants to support our students' teachers and their classrooms. Our Scholarships & Grants committee is proud to honor your grant request. Congratulations!

Bruce Baca

Jenny Carrillo

Leah Coleman

Fabian Cordova

Funding for this grant was provided by the Nova Home Loans Arizona Bowl. Our hope with this partnership is that the Amphi Foundation will receive this gift again next year and beyond. You can help us by sharing photos, thank you notes and success stories about the impact of this funding so that we can share with our partners at the Arizona Bowl.

Todd Jaeger
Superintendent,
Amphitheater Public School
District

Please keep the following items in mind as you move forward with implementing your project and purchasing materials.

Jon Lansa

Roseanne Lopez, Ed. D.

- If, for some reason, you do not proceed with this project, we ask that you return this money to the Amphi Foundation so that we can assist another classroom in need.
- Please be sure to follow district and school procedures for procurement.
- For any equipment or durable goods that have been purchased with this funding we ask that you consider gifting items to an Amphi colleague or teaching partner should you choose to leave the district.

Jacob Parduhn

Erica Rokop

Russ Smith

Julie Turpin

On behalf of the Amphi Foundation Grants & Scholarships Committee, thank you for all that you do!

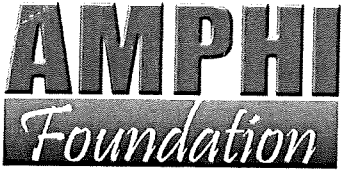
Carol Tracy

Best Regards,

Leah Noreng

Leah Noreng
Executive Director

The Amphi Foundation is a 501(c)(3) organization. Please contact us directly for our Tax ID number.



yes - emailed

Amphi Foundation Grant Application

The mission of the Amphi Foundation is to promote academic excellence through the expansion of resources that enrich the education, development and well-being of the students in the Amphitheater Public School District.

We are a 501(c) (3) organization.

Project Title:

We Are STEAMing Up In Kindergarten

Applicant(s):

Kindergarten Team, Lorena Cote, Laurie Lemieux, Michelle Martin, and Robbin Ryan

Project Director:

Michelle Martin

Project Site/School:

E.C. Nash Elementary

Project Duration:

Start Date:

October 2018

Ending Date:

May 2019 +

Impact/Target Population:

of Students:

60+

of Teachers:

4

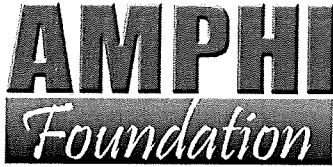
Ages/Grades:

5-6 year olds, Kindergarten and Cross Categorical Class K-2.

Budget Worksheet

Item Description	Cost Per Item	
<u>Kidcraft</u>		<i>Free shipping + tax</i>
Adventure Town Railway Train Set and Table	\$199.99	$\$0 + \$18.20 = \$218.19$
<u>Lakeshore Items</u>		<i>15% shipping + tax</i>
Around Town Play Carpet	\$ 29.99	$\$374.96 + \$56.24 + \$34.12 = \465.34
Cars (donation)	\$ 0	
Block Play Traffic Signs	\$29.99	
Blocks various sizes and shapes	\$ 0	
Block Play Vehicles set of 4	\$14.99	
Brick Building Activity Table (works with Duplo and Legos)	\$299.00	
*4 building brick sets (donation)	\$ 0	
<u>Melissa and Doug</u>		<i>Free shipping + tax</i>
Fresh Mart Grocery Store	\$ 199.99	$\$239.97 + \$21.84 = \$261.81$
Food Groups Wooden Play Food	\$19.99	
Pantry Food Set	\$19.99	
*shopping carts, play money (donation)	\$ 0	
<u>Teachers pay Teachers</u> I Can Build Bundle Books, Cards, and Anchor charts (see picture <u>A</u>)	\$24.50	
	Estimate of Tax and Shipping	see above
	TOTAL	\$ 969.84
Total Expenses for entire project		\$ 969.84
Funding from other sources		\$ 0
Foundation grant request amount		\$ 969.84
*List Other Funding Sources	N/A	

This project is / is not eligible for extra-curricular tax credit funds. (select one)



Amphi Foundation Grant Proposal



Provide an objective and the purpose of the project.

General purpose of the project:

Project Title: We are "STEAM"ing Up In Kindergarten

Purpose:

The purpose of We are "STEAM"ing Up In Kindergarten Project is to increase student knowledge while sparking imagination in the areas of STEAM, science, technology, engineering, art, and math, by creating an environment that encourages play-based learning while supporting the Arizona State Standards.

Objective

The goal of this project is to empower 60+ Title I kindergarten students at E.C. Nash Elementary students to become scientists, engineers, artists, and inventors where they can succeed in school while developing their academic and social skills that will prepare them for the 21st Century.

Describe the project and how it will enhance the learning environment and promote academic excellence. List the subject areas involved in the project.

Project Synopsis:

Project Description

In an effort to create an environment that will foster students' learning and peak their interest in STEAM, science, technology, engineering, art, and mathematics, We Are STEAMing Up In Kindergarten Project will promote academic excellence by implementing play-based learning that also teaches collaboration and community building. In addition, this project will foster critical thinking skills by creating real world problem solving. Furthermore, teaching content in STEAM while using reading and writing in a creative and engaging way is the focus of this project. (see Inspiration Pictures)

Building Blocks and Brick (Lego) Building

During these student-directed learning centers, students become architects and engineers. They are able to design and sketch buildings, bridges, and other structures. Then, they are able to construct their designs using their "blue prints". Students can use

various shapes to create several types of structures. Students are given opportunities to read about building books, too. (See Inspiration Pictures) This is one way reading can be taught in an engaging way. Math, science, and engineering are all present during this center. For example, during this center, the teacher may align questions to correlate with specific science standards, such as Science Strand 3, PO 1. Describe how simple tools (e.g., scissors, pencils, paper clips, hammers) can make a task easier.

Fresh Mart Grocery Store:

At the Grocery Store, students are able to explore math concepts, such as sorting, pricing, money, and purchasing items. Each of these math concepts support several math standards. This center allows math to be relevant and presents real world problems. For example, during grocery shopping, the teacher may align questions to correlate with specific math standards, such as K.CC.B (count to tell the number of objects) and/or K.MD.B (classify objects and count the number of objects in each category). Also, this center supports Strand 3 of Science Standards, “this strand affords students the opportunity to understand their place in the world – as living creatures, consumers, decision makers, problem solvers, managers, and planners.” ADE Science Standards.

In each of the above activities, the student initiates the learning while the teacher observes, guides with questions, and gives feedback. To sum up these STEAM based activities, a veteran kindergarten teacher said, “...(we) have known that children **learn best** when they are allowed ample time to go shopping at a pretend grocery store or figure out how to build bridges with wooden blocks.”

In order to increase higher leveling questioning during center time, teachers will use questions stems from a teacher-created Avid Poster, (Attachment 1) Some examples include:

- Give me an example of
- What would happen if....
- Why do you think...
- How do you know....
- What do you think will happen...

In conclusion, by exposing elementary students to STEAM play based learning activities with real world applications will provide a solid foundation the STEAM areas.

Provide the standards of measurement to be used to determine if goal(s) have been achieved and timeline for assessment of results. *If applicable, explain how the project will be sustained without committing district funds.*

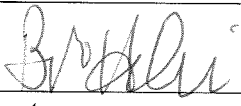
Evaluation and Sustainability plan:

Students will be given ~~as~~ a pre-test in October and a post-test in May to determine students' knowledge in STEAM. Each student will be given the same prompt, "What do you know about STEAM? What does it mean/look like to you?" Students may draw a picture using labels. If students are unable to write sentences, they may dictate their sentences to the teacher. By May 2019, kindergarten students involved in We are "STEAM"ing Up In Kindergarten will increase their understanding in science, technology, engineering, art, and math. This will be measured by a posttest using the same prompt. A teacher created rubric will be used to assess students' knowledge.

Furthermore, depending on the activity, Arizona Standards may be measured with both formative or/and summative assessments. Formative assessments will include reflections, engineering journals, and using a STEM Challenge Recording Sheet, see attached (Attachments 2-6). Summative assessments may include a portfolio, or a teacher-created questionnaire. All assessments will focus and align with state standards.

In terms of sustainability, by purchasing high quality and well created items, it is our hope that this project will be available to kindergarten students for years to come.


Principal/Department Authorization:


Signature

Bob Hehl
Name, printed

9/4/18
Date

Submitted by:


Signature

Michelle Martin
Name, printed

9/5/18
Date

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.*

Phone & Email:

696-6503 mimartin@amphi.com

Date: 9/5/18

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

SECURITY FEATURES INCLUDE TRUE WATERMARK PAPER, HEAT SENSITIVE ICON AND FOIL HOLOGRAM

**AMPHITHEATER PUBLIC SCHOOLS
FOUNDATION**
701 W WETMORE RD
TUCSON, AZ 85705

PIMA FEDERAL CREDIT UNION
P.O. BOX 50267
TUCSON, AZ 85703

1268

91-7479/3221

01
CHECK NUMBER

9/19/2018

PAY TO THE ORDER OF Nash Elementary

\$ **969.84

Nine Hundred Sixty-Nine and 84/100***** DOLLARS

Nash Elementary
515 W Kelso St
Tucson, AZ 85705

TWO SIGNATURES REQUIRED FOR OVER \$5,000



[Handwritten Signature]

AUTHORIZED SIGNATURE

MEMO

Martin, STEAMing up Kindergarten

⑆322174795⑆1090001331731⑆01268

1268

Date	Type	Reference	Original Amt.	Balance Due	9/19/2018 Discount	Payment
9/19/2018	Bill		969.84	969.84		969.84
				Check Amount		969.84

590-53-100-1001-500-1920

AF-19-LC