

## Gaspari, Tracy

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**From:** Ferris Rachelle  
**Sent:** Monday, March 12, 2018 10:20 AM  
**To:** Gaspari, Tracy  
**Subject:** Fwd: Congratulations!

Acceptance letter  
-Rachelle

Begin forwarded message:

**From:** "Noreng, Leah" <[amphifnd@amphi.com](mailto:amphifnd@amphi.com)>  
**Date:** March 5, 2018 at 10:21:08 AM MST  
**To:** Ferris Rachelle <[rferris@amphi.com](mailto:rferris@amphi.com)>, "Brown, Nina" <[nbrown@amphi.com](mailto:nbrown@amphi.com)>, "Barrett, Pamela" <[pbarrett@amphi.com](mailto:pbarrett@amphi.com)>, Maxon Shannon <[smaxon@amphi.com](mailto:smaxon@amphi.com)>, "Yewell, Robyn" <[ryewell@amphi.com](mailto:ryewell@amphi.com)>  
**Cc:** "Tinsley, Dawn" <[dtinsley@amphi.com](mailto:dtinsley@amphi.com)>  
**Subject:** Congratulations!

Dear Rachelle, Nina, Pamela, Shannon, Robyn and Harriet,

Last week our Scholarships & Grants committee reviewed 30 applications from you and your colleagues requesting Classroom Grant Funding for your classrooms. The Amphi Foundation is proud to fully fund your grant request for \$991.00 to outfit the Donaldson Maker Lab. Congratulations!

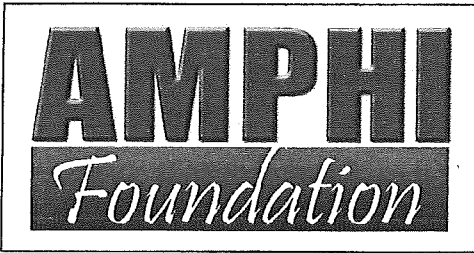
As you may recall, this funding came from the Nova Home Loans Arizona Bowl, Tucson's very own bowl game that is growing in popularity every year. Our friends at the Arizona Bowl intend to request a matching donation from an organization called Extra Yards for Teachers this year in hopes to double their contribution to support teachers in Pima County, and we have committed to helping them to secure that extra funding! Here's how you can help us increase those chances and spread awareness in your community about the work that the Amphi Foundation is doing to support you and your students:

- Take a photo and either post it to social media—tag the Amphi Foundation and use our #amphifoundation hashtag—or text/email it to me so that we can share on our social media pages and with our contacts at the Arizona Bowl.
- In your electronic communications to parents, please let them know that you received this funding and tell them how it will benefit their children—we want *\*every\** Amphi parent to know about the work that the Amphi Foundation is doing to support their children.
- Donors and partners love thank you notes, especially when they are created by children. ☺

If, for some reason, you do not proceed with this project, we ask that you return this money to the Amphi Foundation by the end of this semester so that we can assist another club or class in need.

On behalf of my Amphi Foundation board of directors, thank you for all that you do for Amphi and congratulations again!

Leah Noreng  
Executive Director  
Amphi Foundation



**Classroom Grant Application**  
Please complete, sign, and return to amphifnd@amphi.com

Project Title:	<b>Donaldson Maker Lab</b>		
Applicant(s):	Rachelle Ferris, Nina Brown, Pamela Barrett, Shannon Maxon, Robyn Yewell, Harriet Matiatos		
Project Director:	Rachelle Ferris		
Telephone Numbers:	(520)465-9563		
Project Site/School:	Marion Donaldson Elementary		
Project Duration:	Start Date:	3/1/18	Ending Date: none
Impact:	# of Students:	180+	# of Teachers: 6
Ages/Grades: 6-11 / 2 <sup>nd</sup> -5th grade			
		Total Cost:	\$991
		Less Funding from Other Sources*:	
		Total Grant Request:	\$991
*List Other Funding Sources			
Signature and Date:	Rachelle Ferris 2/8/18		

**TECHNOLOGY CERTIFICATION** – *required for grants requesting technology components* N/A

We **CAN / CANNOT** (circle one) support the technology and other infrastructure required for successful implementation outlined in this grant.

Technology Integration Specialist Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**PRINCIPAL APPROVAL:**

After reviewing this application (*principal please initial one*),

No additional resources (including maintenance and repairs) are necessary to fully implement the goals of this application

**OR**

Additional resources are necessary in the approximate amount of \$ \_\_\_\_\_ (total, per year, etc.) and will be funded by other sources.

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

Applicant has shared this application with me and I **DO / DO NOT** (circle one) support this application.

Principal's Signature: Klaun Insley Date: 2/8/18

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Ver. 9.15

## Grant Proposal

**Project Title:** Donaldson Maker Lab

**Summary:** Brief, succinct overview of the project, including the estimated number of students directly impacted. Describe in lay terms. Do not assume the Committee knows the programs, technology or other topics you are discussing. Statement that could be used to explain project in a news release.

*Donaldson Elementary is implementing a space where students are free to engage in inquiry and learning. This space will be available for students in grades 2-5 and will provide the ability for students to practice scientific literacy. Through the support of this project, over 180 students will be reached, with the impact lasting for years to come. In addition, this space will allow our students to prepare for a global society by focusing on the 4 Cs. These Cs include critical thinking and problem solving, communication, collaboration, and creativity and innovation. Teachers will be able to facilitate student learning and spark creativity through "hands-on, minds-on" challenges. Our students need the opportunity to learn well by being provided with the opportunity to think well.*

**Project Need, Purposes and Objectives:** Describe how the project will enhance the learning environment and promote academic excellence. List the subject areas involved in the project and how the project will enhance the students' learning experience in these areas.

*All of the materials being requested will be used by students in 2<sup>nd</sup>-5<sup>th</sup> grade to promote active critical thinking and growth in mindset and practice in scientific literacy. We believe at Donaldson that science, technology, engineering, and mathematics (STEM) should be incorporated in all core content areas, especially in the arts. By providing students the opportunity to think critically we are teaching our students to compare evidence, evaluate claims, and make reasonable decisions. Furthermore believe that critical thinking builds bridges to develop other skills such as increased concentration, visualization, articulation, and increased thought processing. We know that this space will inspire tomorrows citizens today and each day thereafter while at Donaldson.*

**Project Activities:** Description of the activities the award will facilitate and that will produce the objectives stated in the proposal.

The following activities will be available in the Bpod Maker Lab, if awarded the grant:

Smart Circuit Lab- Used to meet 4th grade science standards regarding Electricity and Magnetism.

ShapeMags- Will meet 2nd-4th grade standards on geometry familiarizing students with both 2 and 3 dimensional shapes.

Lego Brick Box- Students will be able to use these for creating their own designs of structures. They can also be used with the 3rd grade Edison Robots.

Kapla Wood planks, Lincoln Logs and Knex- Students will work on their ability to follow directions as they create structures from plans included with the set. They are also able to adapt and create their own structures.

Economy Science Toolkit (4)—An assortment of commonly used lab items. Items include 6 thermometers, low range, 6 beakers 250 mL, 6 cylinders 50 mL, 6 droppers plastic, 6 magnifiers 3X/6X, 10 tape measurers

*The economy science toolkit will allow teachers to captivate students in their learning by providing support for a variety of real-world problems. These problems can be solved with students using lab items such as cylinders to find density and thermometers to track data with hydroponics.*

Zoomy 2.0 Handheld Digital Microscope (2)

All-in-one handheld digital microscope. Magnifies up to 54x. Use with a computer, projector, or interactive whiteboard. Uploads and connects via USB. Features 640 x 480 pixels, VGA CMOS sensor, 4 LED lights, and 2 head adapters. Compatible with PC and Mac. Measures 3" in diameter.

*Students and teachers will have the opportunity to use digital microscopes to give students a unique view of the world around them. Students can study Fibonacci sequences in nature or even examine cells in biology units.*

**Plan for Evaluation and Follow Up:**

*The standard of measurement that will be used to determine if the goals have been met will be an increased use of the 4Cs in our classrooms and across the Donaldson campus. When the 4Cs have been more widely implemented, scores in all core content areas will increase as students will have the increased capability to continue with their 21<sup>st</sup> century learning. Students will demonstrate more familiarity with the engineering design process and will use increased critical thinking in the crosscutting concepts of science.*

**Budget Worksheet**

Item Description	Cost Per Item	
<u>4x SmartLab Toys Smart Circuits Games &amp; Gadgets Electronics Lab:</u> Learn about electronic engineering using the modular system and microprocessor	\$ 29.70 each	
<u>3x Shapemags 124 Piece Set, Made With Power+Magnets, 100 Clear Color Tiles, Includes 24 StileMags, 12X12 Stabilizer Plate and Car Base</u> <ul style="list-style-type: none"> <li>• 100 Piece Set Includes 98 Magnetic Tiles, 1 Car Base, 1 Stabilizer and 24 Stile Mags</li> <li>• Introducing Stile Mags! Patented Technology</li> </ul>	\$ 59.99 each	

<p>makes Stile Mags an Easy Addition to Magnetic Buildings and Mosaics Integrating geometry and engineering</p>		
<p><u>LEGO Classic Large Creative Brick Box</u> •Students build their own amazing buildings and more with this classic collection of LEGO bricks in 33 different colors;.....</p>	\$48.00	
<p><u>KAPLA 1000 Blocks Natural Unfinished Wood Pine Planks with Storage Box</u> SUPPORTS LOGICAL THINKING, SPATIAL AWARENESS, and DEXTERITY - Through the use of identical unfixed pieces, KAPLA develops the child's capacity to organize elements in a three-dimensional way. Children acquire a basic knowledge of geometry, physics and technology.</p>	\$ 299.00	
<p><u>LINCOLN LOGS -237 piece LINCOLN LOGS</u> supports key areas of a child's development growth. As the stack the different part together and discover how the building system works, they're strengthening hand-eye coordination, fine motor skills, problem-solving skills, spatial awareness and exercising their imagination!</p>	\$ 99.99	
<p><u>K'NEX 100 Model Building Set</u> -These pieces can be attached to one another in different ways. It allows your children to create a multitude of shapes, figures, and structures with ease. The snap fit pieces stick together securely and can be easily reassembled into other creations</p>	\$ 49.99	
<p><u>Economy Science Toolkit (4)</u>-An assortment of commonly used lab items. Items include 6 thermometers, low range, 6 beakers 250 mL, 6 cylinders 50 mL, 6 droppers plastic, 6 magnifiers 3X/6X, 10 tape measurers</p>	\$ 29.99 each	
<p><u>Zoomy 2.0 Handheld Digital Microscope (2)</u> All-in-one handheld digital microscope. Magnifies up to 54x. Use with a computer, projector, or interactive whiteboard. Uploads and connects via USB. Features 640 x 480 pixels, VGA CMOS sensor, 4 LED lights, and 2 head adapters. Compatible with PC and Mac. Measures 3" in diameter.</p>	\$51.95 each	
<b>TOTAL</b>	\$ 991	\$
Total Expenses for entire project.....		\$991
Funding from other sources.....		\$0
Foundation grant request amount.....		\$991

## Donations by Amphi Foundation

School	Teacher	Amount	Project
AHS	Wendy Ousley	\$ 757.50	Folklore and Mythology Seminar
AMS	Tamara Paulson-Midgley	\$ 974.03	Percussion Power
Coronado	Terry Duggan	\$ 1,000.00	Steam-azing Lab
Coronado		\$ 967.16	Classroom Games
Donaldson	Rachelle Ferris	\$ 991.00	Donaldson Maker Lab
Harelson	Becky Cozart	\$ 704.95	PE Program
Harelson	Monika Arnold	\$ 435.78	Digital Microscopes in the Classroom
Holaway	Capella Hauer	\$ 995.00	Summer Home Visit Kits
Innovation	Danielle Swartz	\$ 1,000.00	STEM leveled readers for K-1 Guided Reading Library
IRHS	Jenny Een	\$ 1,000.00	Freshman Focus: Ninth Grade Transition Restriction Digestion, Purification of DNA Fragments, and
IRHS	Mark Joseph Pincus	\$ 999.55	Cloning into Plasmids
Nash	Michelle Martin	\$ 959.75	Choo! Choo! Full STEAM Ahead!
Painted Sky	Mercy Pemberton	\$ 953.10	Edison Robots for Painted Sky Second Grade
Rio Vista	Hilary Wiechert	\$ 849.00	Fifth Grade Novel Studies
Wilson	Beverly Teran	\$ 771.60	Collaborative Mixed Media Mural
Wilson	Karen Maspero	\$ 1,000.00	Middle School Math Manipulatives