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

7 March 2018

Terry Duggan
Coronado K8

Dear Terry,

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!

Funding for this grant was provided by the Nova Home Loans Arizona Bowl. Our hope with this partnership is that funding will be matched in 2018 and 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.

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

- 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.

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

Best Regards,

Leah Noreng



Classroom Grant Application

Please complete, sign, and return to amphifnd@amphi.com

Project Title:	Steam-azing Lab		
Applicant(s):	Terry Duggan, Jennifer Larkin, Katie Ratliff		
Project Director:	Terry Duggan		
Telephone Numbers:	696-6634, 696-6633, 696-6635		
Project Site/School:	Coronado K-8		
Project Duration:	Start Date:	April 2, 2018	Ending Date: On-going
Impact:	# of Students: 54+ incoming students	# of Teachers: 3	
Ages/Grades: 5- 6 year olds/ Kindergarten			
			Total Cost: \$ 1000.00
			Less Funding from Other Sources*:
			Total Grant Request: \$ 1000.00
*List Other Funding Sources			
Signature and Date:			

TECHNOLOGY CERTIFICATION – required for grants requesting technology components

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

Technology Integration Specialist Signature: Date: 2/26/18

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 DO / DO NOT (circle one) support this application.

Principal's Signature: Date: 2/26/18

Grant Proposal

Project Title: Steam-azing 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.

We desire to create a STEAM (Science, Technology, Engineering, Art, and Math) Lab for our 54 kindergarten students. This lab will be used for years. Students will use our STEAM lab to explore and deepen their understanding of STEAM concepts weekly.

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.

Our objective is: Students will use inquiry to conduct lab investigations. We are creating a learning environment that offers students frequent rich opportunities to develop perseverance, problem solving skills, higher order thinking, communication, and collaboration. The subject areas integrated into the lab are Science, Technology, Engineering, Art and Mathematics.

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

Through the inquiry process, students will identify a problem, conduct scientific investigations, analyze data, draw conclusions, and communicate results. Students will conduct investigations to help better understand the characteristics of living things and how they change over time. Students will watch seeds grow into plants in the Green Thumb Greenhouse. They will conduct investigations using their 5 senses by experimenting with the following: the three-way magnifications science station, binoculars, xylophones, stethoscopes, eyedroppers and safety mirrors. Students will conduct investigations to understand characteristics of matter. Students will use microscopes to look closely at their world while observing properties of matter. They will be able to explore and see that their planet has physical properties- color, texture and capacity to retain water. Students will use the Engineering Design Process to develop a hands free prototype that makes scribbles on a paper. Students will develop perseverance through designing, testing and redesigning their prototypes.

Plan for Evaluation and Follow Up: The standards of measurement to be used to determine if goal(s) have been achieved and timeline for assessment of results.

Students will be assessed quarterly using our standards based district report card. They will be evaluated on their engagement with the inquiry investigations.

Budget Worksheet

Item Description	Cost Per Item	
Green Thumb Greenhouse	\$ 49.95	49.95
Zoomy 2.0 Handheld Digital Microscopes (3)	\$ 54.95 x 3	164.85
Stethoscopes (6)	\$ 4.95 x 6	29.70
3 -way Magnifications Science Station	\$ 26.95	26.95
Jumbo Test Tubes with Stand (3)	\$ 13.49 x 3	40.47
Binoculars (2)	\$ 11.49 x 2	22.98
Light Table Panels (2)	\$ 159.00 x 2	318.00
X-Ray Kit	\$ 30.00	30.00
Super-Safe Eyedroppers	\$5.99	5.99
Shatterproof Safety Mirrors	\$ 19.99	19.99
15 Pc Rectangular DC Motor Mini Electric Motors 1.5-3 V for Scribblebots (2)	\$24.99 x 2	49.98
Xylophones	\$16.95 x 2	33.90
Bee Bot Programmable Robots	\$ 69.99	69.98
	TOTAL	\$ 862.75
	Estimated Tax @ 8 %	69.02
	Estimated Shipping	68.23
Total Expenses for entire project		\$ 1000.00
Funding from other sources		\$ 0
Foundation grant request amount.....		\$ 1000.00

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