

Taylor Karen

Subject: FW: grant proposal

From: Marlatt, Lauren
Sent: Wednesday, November 08, 2017 9:29 AM
To: Taylor Karen
Subject: FW: grant proposal

From: ELISE GRIMES [<mailto:elisegrimes@icloud.com>]
Sent: Tuesday, November 7, 2017 10:04 PM
To: Marlatt, Lauren <lmarlatt@amphi.com>
Subject: Re: grant proposal

Lauren,

Not a problem, the education committee had already approved your earlier elementary grant, so I updated that elementary Robotics request to this upper grade grant since you no longer needed the elementary grant.

This grant was then approved as amended yesterday for \$3200 by the SaddleBrooke Community Outreach Board. The check should go out at the end of this week.

Questions or comments, don't hesitate to contact me.

Thanks for these extra educational opportunities that you provide for your students!

Elise Grimes
520 818 3166

On Nov 4, 2017, at 2:13 PM, Marlatt, Lauren <lmarlatt@amphi.com> wrote:

Elise,
I finally got permission to get this out to you. I know we missed the October deadline, so if I need to change the dates on it, I will.
Thank you so much,

Lauren Marlatt
7th Grade Science/ Engineering (STEM)/Computer Programming
Coronado K-8
696-6659
lmarlatt@amphi.com

<Saddlebrooke ROV.pdf><ROV.xlsx>

Velasquez, Jeanette

From: Velasquez, Jeanette
Sent: Thursday, November 2, 2017 1:45 PM
To: Ball, Gerad
Cc: Taylor, Cindy
Subject: Saddlebrook Community Outreach Grant-Kits
Attachments: Coronado Saddlebrook Outreach Grant -Kits.pdf

Importance: High

Approval to Submit "Saddlebrook Community Outreach Grant-Kits"

I am writing to let you know that the "Saddlebrook Community Outreach Grant-Kits" has been approved and you may submit the grant application. In the event you are awarded the grant please submit the following information to Cindy Taylor in Finance.

- Approved Project Profile Sheet
- Grant application
- Award notice
- Award Check

Cindy will submit the information to Karen Gardiner, Governing Board Administrative Assistant, for Governing Board approval.

Once the Governing Board approves the grant, Cindy will contact you with the budget code information and notification you when you can begin spending the funds.

Jeanette Velasquez
Administrative Assistant I
School Operations for
Chief Academic Officer
Secondary Education 6-12
jvelasquez@amphi.com
Amphitheater Public Schools
520.696.5169

SaddleBrooke Community Outreach (SBCO)
Enrichment Program Application

Date of Request		November 4, 2017		Date Funds Required		January 8th, 2018	
School/Organization		Coronado K-8 +					
Contact Person	Lauren Marlatt			Title	Teacher		
Address	3401 East Wilds Road Tucson, AZ 85739			Phone #	520-696-6659		
				Email	lmarlatt@amphi.com		
Other Contact	Gerad Ball			Email	gball@amphi.com		
If grant funds are awarded by SBCO:							
Name to whom check should be written				Coronado K-8 School			
Address where check should be sent check here <input checked="" type="checkbox"/> if same as provided above				3401 East Wilds Road Tucson, AZ 85739			
Use additional space or paper as needed to respond to the following questions.							
Name of Program:		Remotely Operated Vehicle (ROV) Robotics					
Brief description of project and how it is consistent with the Mission of SBCO (see SBCO Educational Enrichment Program Guidelines & Criteria)		<p>The goal of this project is to incorporate an underwater robotics program into our current elective. I have been teaching a class titled "Engineering and robotics" for several years. We have utilized several different types of robotics curriculum in this class, namely Lego NXT robotics and VEX robotics. While these are valuable, I attended a training in underwater ROVs. This is a different approach to robotics that incorporates mechanical engineering to accomplish a task (the students wouldn't be programming or coding the robot, but would have to design and build the entire thing). I would like to get all of the materials to get this going in my class because it +</p>					
Program Dates	From	January 8th, 2018		To	May 23, 2018		
Number of students to be served		32 (but it is easily reusable)		Age Range	11-14		

SaddleBrooke Community Outreach (SBCO)
Enrichment Program Application

From what schools or communities do the students come?	Coronado K-8
How will students be recruited?	This will take place in the current engineering and robotics elective.
What criteria will be used in selecting students for the program?	N/A
List your concrete and measurable student enrichment outcomes?	The students will be able to apply the engineering design process to design, plan and build an underwater ROV. They will then compete in a scrimmage with several other schools in May at the University of Arizona.
What are your criteria for assessing each outcome?	The outcomes will be assessed based on their ability to have a working robot that can complete the challenges at the scrimmage.
Total cost of program	\$3,200.00



**SaddleBrooke Community Outreach (SBCO)
Enrichment Program Application**

Amount of funds requested from SBCO	\$3,200.00	Other financial resources available	None at the moment
How will SBCO funds be used?	The funds will be used to purchase Pufferfish underwater robotics kits, as well as necessary tools, and a practice swimming pool. Attached is the spreadsheet of projected expenditures.		
Has SBCO previously funded this program?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes and you are now requesting an increase, please explain why. See number 5 of the guidelines.	
Within two weeks of the conclusion of your program, please submit an Enrichment Program Evaluation (a link to the document is at: http://community-outreach.org/education/).			
Please return this application to SBCO no later than: <ul style="list-style-type: none"> October 1 for Winter/Spring funding (Jan – May) April 15 for Summer funding (June – August) July 1 for Fall funding (September – December) For questions, email Elise at esgrimes@icloud.com .			
Please complete all forms electronically and email them to Elise Grimes at esgrimes@icloud.com			

<u>Supply</u>	<u>Quantity Needed</u>	<u>Unit Cost</u>	<u>Total</u>	<u>Store</u>
chain and lock	1	40	40	
tarp	1	20	20	
pool		250	250	walmart
batteries	3	55	165	harbor
Battery connectors			60	harbor
pool noodles	20	25	500	dollar store
soldering irons	8	20	160	home depot
solder	8	20	160	
pvc connectors		100	100	
pvc		50	50	
loctite	4	7	28	
tools			209	
hydraulics kits	8	15	120	
practice board kit	3	46	138	
pufferfish kit	6	200	1200	
	<u>Total:</u>		3200	

GRANTS PROJECT COORDINATION

PROJECT PROFILE

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



Working title:	Underwater ROV for Engineering and Robotics		
Target population: <i>(Which schools, grades, staff, etc. are impacted?)</i>	Mrs. Marlatt's Engineering and Robotics class		
General problem addressed by the project:	Incorporating underwater remotely operated vehicle (ROV) curriculum to the current engineering and robotics class.		
Project Synopsis: <i>(Please also attach the proposal abstract or any additional clarifying information needed.)</i>	I would like to incorporate into the robotics unit a project based learning unit on ROVs. The materials come from the MATE center in California, which I attended a training for over the summer at the University of Arizona. The goal would be to purchase the robotics kits and necessary tools as well as some necessary materials to practice our robots. The University of Arizona and Project WET will host a scrimmage at the U of A campus at the end of the school year for all of the schools with teachers who participated in the training.		
Source and amount of funding requested:	\$3,200 from Saddlebrooke Outreach COST REIMBURSEMENT GRANT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Funding will pay for: <i>(People, equipment, materials, training, services, supplies, etc.)</i>	Pufferfish ROV kits, various tools, a pop up swimming pool, and some practice circuit boards.		
District contribution(s):	0		
Potential partners & their contributions:	Saddlebrooke Outreach \$3,200		
Sustainability plan: <i>(Explain how the project will be sustained without committing district funds)</i>	This is stand alone project. If it is successful, then we will apply for other grants or outside funding to replace the pieces of the kits that are not reuseable.		
Principal/Department Authorization:	Gerad Ball <i>Signature</i> <i>Name, printed</i> <i>Date</i>		
Submitted by:	Gerad Ball <i>Signature</i> <i>Name, printed</i> <i>Date</i>		
	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. <i>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.</i>		
Phone & Email:	gball@amphi.com 6627		Date: 10/30/17



GRANTS PROJECT COORDINATION

PROJECT PROFILE



*Forms should be submitted to Mike Bejarano, School Operations

Working title:	Grades 1-3 Robotics		
Target population: <i>(Which schools, grades, staff, etc. are impacted?)</i>	All first, second and third grade classes		
General problem addressed by the project:	Adding a simple robotics curriculum into the classrooms to promote STEM education.		
Project Synopsis: <i>(Please also attach the proposal abstract or any additional clarifying information needed.)</i>	We would like to purchase a classroom bundle of dash and dot robots, which includes accessories and curriculum, for use in the classrooms.		
Source and amount of funding requested:	\$2,700.00 COST REIMBURSEMENT GRANT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Funding will pay for: <i>(People, equipment, materials, training, services, supplies, etc.)</i>	A Dash and Dot classroom bundle and necessary software and curriculum guides.		
District contribution(s):	0		
Potential partners & their contributions:	Saddlebrooke Outreach \$2,700.00		
Sustainability plan: <i>(Explain how the project will be sustained without committing district funds)</i>	This is stand alone materials. If necessary to replace the materials, we will apply for other grants or outside funding.		
Principal/Department Authorization:	Gerad Ball Gerad Ball 9/25/17 <i>Signature</i> <i>Name, printed</i> <i>Date</i>		

Approved



Submitted by:	Gerad Ball		Gerad Ball		9/25/17	
	<i>Signature</i>		<i>Name, printed</i>		<i>Date</i>	
<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. <i>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.</i></p>						
Phone & Email:	696-6627 gball@amphi.com				Date:	9/25/17

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