Our mission is to lead, serve and collaborate to mobilize enduring philanthropy for a better Arizona.

ARIZONA
COMMUNITY FOUNDATION

January 23, 2017

Marion Donaldson Elementary
Robyn Yewell
2040 W. Omar
Tucson, Arizona 85704

Dear Robyn Yewell,

I am pleased to advise you that Marion Donaldson Elementary is the recipient of a grant for $5,000.00 from the **Fiesta Bowl Wishes for Teachers** fund held at the Arizona Community Foundation. We believe teachers make a profound difference for Arizona's youth and recognize the dedication and determination of each and every teacher in our great state. Thank you for the important service you provide to our community.

If you have any questions about this grant check, please contact Morgan Bishop Fraser, Philanthropic Advisor for the Arizona Community Foundation at mbishopfraser@azfoundation.org or 602-682-2062.

If you have any questions or concerns about how to properly utilize this funding, please email Kelly Schindler, Community Relations Coordinator for Fiesta Bowl Charities at kschindler@fiestabowl.org or 480-517-6263.

Sincerely,

Jacky Alling
Chief Philanthropy Officer

JA:kp

Enclosure

2201 East Camelback Road, Suite 405B Phoenix, Arizona 85016 **tel** 602.381.1400 / 800.222.8221 **fax** 602.381.1575 **www**.azfoundation.org

GRANTS PROJECT COORDINATION

PROJECT PROFILE

*Forms should be submitted to Michael Bejarano, Chief Academic Officer Secondary

AMPHITHEATER Public Schools

Working title:	**Enhancing Education through 3D Printing**
Target population: *(Which schools, grades, staff, etc. are impacted?)*	Donaldson Elementary School PreK-5 Available to all staff/volunteers
General problem addressed by the project:	An overall lack of innovation, invention, and visionaries has affected our classrooms by hindering our student's ability to create. By allowing our students, staff, and community to have an opportunity to establish an avenue to express their ideas is imperative. The engineers, scientists, designers, and great problem solvers of the future are embedded in our classrooms and deserve the best tools possible to build a bigger and brighter future.
Project Synopsis: *(Please also attach the proposal abstract or any additional clarifying information needed.)*	Objective/Aim: This project aims at developing a means for all students at Donaldson Elementary guided by the staff and community to innovate and implement their ideas through the use of a 3D printer. The Makerbot Replicator+ would offer our school the resources that it needs to allow students to engage in core Science, Technology, Engineering, and Mathematics (STEM) principles. By creating a Makerspace, our students will have the ability to craft and create their imaginations with unlimited potential. Innovativeness & Usefulness The Makerbot Replicator+ has been engineered and tested for reliable and fast 3D printing. The machine comes with the Smart Extruder+ and standard features which contain an LCD display, on-board camera, and USB, Wi-Fi, and Ethernet connectivity. In addition, the Makerbot Replicator+ uses PLA filament which is non-toxic and safe for use in our schools. Print resources will help the staff, students, and community at Donaldson Elementary learn about potential projects which

	could be implemented with the printer and filament.
Source and amount of funding requested:	Fiesta Bowl Wishes-For-Teachers 7135 E. Camelback Road Suite 190 Scottsdale, Arizona 85251 Award: $5000.00 COST REIMBURSEMENT GRANT? ☐ YES ☐ NO
Funding will pay for: *(People, equipment, materials, training, services, supplies, etc.)*	MakerBot Replicator+ by MakerBot Price: $2,499.00 Free Shipping for Prime Members MakerBot PLA Filament, 1.75 mm Diameter, Large Spool, Black Price: $43.45 (12) MakerBot PLA Filament, 1.75 mm Diameter, Large Spool, White Price: $43.94 (12) MakerBot PLA Filament, 1.75 mm Diameter, Large Spool, Red Price: $45.04 (6) MakerBot PLA Filament, 1.75 mm Diameter, Large Spool, Blue Price: $44.45 (6) MakerBot PLA Filament, 1.75 mm Diameter, Large Spool, Yellow Price: $43.42 (6) MakerBot PLA Filament, 1.75 mm Diameter, Large Spool, Green Price: $46.65 (6)

	Foreasy 3D Printer Tool 3D Print Removal Tool Enhanced Version Set of 2 Price: $10.78 The Invent To Learn Guide to 3D Printing in the Classroom: Recipes for Success by David Thornburg Ph.D. Price: $18.95 Invent To Learn: Making, Tinkering, and Engineering in the Classroom by Sylvia Libow Martinez Paperback Price: $34.95 Worlds of Making: Best Practices for Establishing a Makerspace for Your School (Corwin Connected Educators Series) Price: $10.00
District contribution(s):	Downloading the free Makerbot software for design space to accompany the Makerbot Replicator+.
Potential partners & their contributions:	None
Sustainability plan: *(Explain how the project will be sustained without committing district funds)*	This project requested 48 spools of PLA filament in a variety of colors for students, staff, and the community to use. Long term funding for spools can be requested through private donations, Donaldson Elementary science funds, PTO, or student council fundraising efforts.
Principal/Department Authorization:	Dawn Tinsley — Dawn Tinsley — 12/5/16 *Signature* — *Name, printed* — *Date*

Submitted by:	Robyn A Yewell *Signature*	Robyn A. Yewell *Name, printed*	12/4/2016 *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:	5206966191	Date:	12/4/2016

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