



2018-19 Duke Energy Foundation STEM Grant

DEADLINE March 15, 2019 4:00 pm Foundation Office via Jackrabbit or Email (weidnerg@lake.k12.fl.us)

- This Classroom Grant is for 2018-2019 school year.
- Funds must be used to address a STEM related project.
- All funds must be used by May 1, 2019. A final program evaluation must be submitted by May 15, 2019.
- Requires signature of principal and requesting party

Contact Information	
Applicant Name: <i>Cheryl Augustine</i>	Position: <i>CNA/CMAA Instructor</i>
School: <i>South Lake High School</i>	
Address: <i>15600 Silver Eagle Road, Groveland, FL 34736</i>	
Phone: <i>352-394-2100</i>	Fax: <i>352-394-1972</i>
Email Address: <i>augustinec@lake.k12.fl.us</i>	

Detailed Project Information
Project Title: <i>AHA Compliance Campaign</i>
What priority area(s) will your project address: <i>We are required to certify students in our CNA program for CPR in compliance with the American Heart Association standards. As of 1/1/19, it is required that our manikins used for certification have a feedback mechanism to monitor for correct depth and rate of compressions. Also the recommended rate for compression has changed per AHA guidelines and the current training AED's we have are outdated and set to the old compression rate. Students in our CNA program who were currently certified in 10th grade will need to be recertified under the guidelines prior to graduation and all future classes will have the correct equipment.</i>
What is your estimated start date: <i>04/20/2019</i>
Estimated number of teachers who will participate in this project: <i>2</i>
Estimated Number of Total Students Impacted by project: <i>30+ students per year</i>
Grade Levels to be Addressed: <i>9th-12th</i>

Program Background: <i>The Health Science program has a four year track for students to follow who are interested in entering the healthcare industry. As 12th graders they can take part in the Certified Nursing Assistant (CNA) program and graduate high school with an industry certification that gives them tangible job skills to enter the workplace in healthcare.</i>
Project Summary: <i>Students are required by the Board of Nursing and all clinical sites we visit as part of the training to be CPR certified. The new standard was implemented on 1/1/19 that all those being certified are done so on a device that provided feedback to the user and instructor on</i>


the quality and frequency of the compressions being performed. The AED is part of the certification process and we would like to use the most up to date equipment so the students are correctly trained and ready when they enter the workplace post-secondary.

Need: *We are in need of two CPR feedback families, to include one adult, one child, and one infant, and two AED simulators.*

Project Goals and Objectives:
All CNA students will be successfully certified in CPR after showing competence in the skills necessary for adult, child, and infant cardiac arrest, and choking scenarios respectively.

Evaluation Plan:
Student performance is measured during each training session allowing for remediation and immediate instructor feedback. Students are tested by the instructor on the written test required by AHA and must score an 84% or higher, and must pass the demonstration portion to be certified. Evaluation is an ongoing process during the training sessions and it is expected that 100% of the students will be able to perform quality CPR upon completion of the training.

Budget		
Category of Expenditure	Dollar Amount	Related Activity
Computer Hardware		
Computer Software		
Other Equipment (not computers)	\$1156.00 \$970.00	(2) CPR Feedback Families (2) AEDs
Competition Registration Fees		
Program supplies		
TOTALS	\$2126.00	

Program Approved By: 
Principal

Funds Payable to: South Lake High Health Science Department
 Address: 15600 Silver Eagle Rd., Groveland, FL 34736
 Phone: 352-394-2100
 Email: augustinec@lake.k12.fl.us

Requesting party has read and agrees with the funding policies of the Educational Foundation.

Signed _____ Date _____

To be completed by foundation staff/board

Program meets Duke Energy Foundation's Mission/ Funding Policy Y N

Director Recommendation: _____

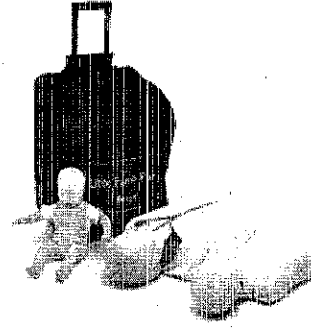
Executive Board Recommendation: _____



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Little Family Pack

The Little Family Pack is a convenient package of age-specific CPR training manikins with a wheeled carry case for ease of transport and storage. Now, Little Anne and Little Junior come with QCPR feedback technology to help instructors improve CPR training quality, efficiency, and learner engagement, while the updated Baby Anne features modernized clothing and improved airway management. At this time, Baby Anne is not QCPR enabled.



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126-01050
Little Family Pack



\$ 578.00 excludes Tax (if applicable)

126-03050
Little Family Pack Dark



\$ 578.00 excludes Tax (if applicable)

Related products

123-30050
SkillGuide with Extension Cable



\$ 71.00 excludes Tax (if applicable)

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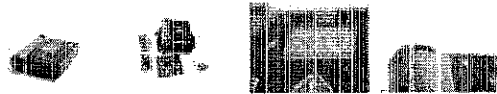
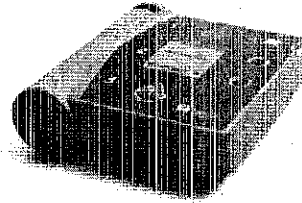


Home > Products > Resuscitation Training > AED Training Solutions > AED Trainer 2

AED Trainer 2

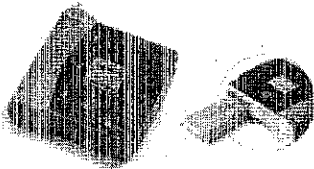
Realistic and affordable AED trainer which simulates the HeartStart® FR2 AED in appearance, operation, and voice prompts

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Laerdal AED Trainer 2



\$485.00 excludes Tax (if applicable)

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