

## EXECUTIVE SUMMARY

### Grant 08/02/16 – A

<b>Grant Program</b>	<b>Health Foundation of South Florida</b>	
Status	New - Competitive	
Funds Requested	\$54,000 (requested)	
Financial Impact Statement	The potential positive financial impact is \$54,000. The source of funds is the Health Foundation of South Florida. Broward Education Foundation (BEF) is the lead applicant. There is no additional financial impact to the District.	
Schools Included	Three middle schools that are yet to be determined.	
Managing Department/School	Office of Academics and BEF	
Source of Additional Information	1. Matthew Schroeder, Curriculum Supervisor – Physical Education and Driver's Education	754-321-1871
	2. Thomas Severino, President – BEF	754-321-2030
	3. Stephanie R. Pollard, Director – Grants Administration & Government Programs (GAGP)	754-321-2260
Project Description	The proposed Broward Middle School Students Move! project will improve student health and wellness at three middle schools by increasing the number of students who meet the identified Florida Standards in physical education (PE). Improvements in the middle school PE program will be made through the adoption of a connected curriculum; professional development for PE teachers; provision of curriculum supporting fitness equipment; nutrition education; and access to fresh fruits and vegetables through school gardens. School selection will be based on socioeconomic and health needs of the students, interest in establishing an edible garden, and location within a food desert. Students that live in food deserts have significant barriers to accessing fresh fruit and vegetables because of the lack of full-service grocery stores within their community.	
Evaluation Plan	Evaluation activities for the proposed project will include process and product evaluation. Process evaluation will examine implementation activities to document the program's development and operation and provide feedback to ensure successful implementation. Student achievement that correlates directly with Florida Standards in middle school PE will also be monitored.	
Research Methodology	The project will utilize the research-based SPARK curriculum which provides a structured approach to motor skill development through 17 instructional units. The curriculum features a developmentally appropriate motor skill proficiency evaluation protocol embedded in each unit, providing teachers with the methodology required to provide students with accurate feedback.	
Alignment with Strategic Plan	This program is aligned to District Strategic Plan Goal 1: High-Quality Instruction as the activities support the establishment of healthy lifestyle choices through the promotion and education of physical fitness and nutrition.	
Level of Support provided by GAGP	BEF will be the lead applicant. GAGP staff supported the Office of Academics and BEF in developing the application by: identifying the grant opportunity; coordinating internal proposal development meetings; editing and strengthening the narrative and budget; ensuring a timely submission; and preparing the executive summary for the Board agenda.	

## EXECUTIVE SUMMARY

### Grant 08/02/16 – B

<b>Grant Program</b>	<b>Town of Davie: Community Endowment Program - Silver Ridge Elementary*</b>	
Status	New - Competitive	
Funds Requested	\$13,875 (requested)	
Financial Impact Statement	The potential positive financial impact is \$13,875. The source of funds is the Town of Davie. There is no additional financial impact to the District.	
Schools Included	Silver Ridge Elementary School	
Managing Department/School	Silver Ridge Elementary School	
Source of Additional Information	1. Elaine Aaron, Media Specialist – Silver Ridge Elementary	754-323-7500
	2. Stephanie R. Pollard, Director – Grants Administration & Government Programs (GAGP)	754-321-2260
Project Description	<p>Grant resources will be used to create a vital and engaging learning environment at Silver Ridge Elementary through the expansion of Makerspaces where students have the opportunity to explore, create, and innovate in the curricular areas of science, technology, engineering, arts, and math. Through a variety of programs such as family maker night, monthly Monday maker meetings, science and engineering challenges, quiz bowl tournaments, and a showcase for maker creations at a curriculum fair, students will have multiple opportunities for honing their creativity, collaboration, communication, and critical thinking skills. Hands-on materials that would be purchased through this grant will provide the impetus to explore, create, and share. Instruction during library classes will allow all students to tinker, innovate, create, and experience successes and failures of “making things work”. Failure will be viewed as an opportunity to learn and grow.</p> <p>Non-print formats such as a Playaway, will allow English language learners and special needs students to access curricular content and popular literature through auditory channels. Grant funds will also be used to purchase technology stations that are accessible for students with special needs. This way students with and without disabilities using the Makerspace will be able to work, play, and tinker together and increase social skills, communication, collaboration, and social responsibility.</p>	
Evaluation Plan	The program will be evaluated in several ways, some subjective as well as objective. Powerful school libraries have a positive correlation with increased student achievement. Circulation statistics of materials, presence of a certified teacher librarian, frequency of student visits, and quality of information skills instruction are all positive indicators of increased student achievement. Circulation and usage statistics will be monitored monthly. Pre- and post- student surveys of usage of the Makerspace materials and opinion of the library will provide valuable information of student preference and engagement. Annual achievement assessment will indicate an increase in mastery of reading, math, and science performance.	
Research Methodology	Studies show that Makerspace education fosters curiosity, tinkering, and iterative learning, which in turn leads to better thinking through better questioning. This learning environment fosters enthusiasm for learning, student confidence, and natural collaboration. Ultimately, the outcome of maker education and educational Makerspaces leads to determination, independent and creative problem solving, and an authentic preparation for the real world by simulating real-world challenges.	
Alignment with Strategic Plan	This grant award is aligned to District Strategic Plan Goal 1: High-Quality Instruction.	
Level of Support provided by GAGP	This grant opportunity was disseminated to all schools in Davie through principals, grant liaisons, and grant community members. GAGP staff were responsible for strengthening the proposal and budget, providing support materials, writing the executive summary for the Board agenda, and tracking the grant through the eCivis grants management system.	

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## EXECUTIVE SUMMARY

### Grant 08/02/16 – C

<b>Grant Program</b>	<b>Town of Davie: Community Endowment Program – Western High School (Barnwell)*</b>
Status	New - Competitive
Funds Requested	\$14,000 (requested)
Financial Impact Statement	The potential positive financial impact is \$14,000. The source of funds is the Town of Davie. There is no additional financial impact to the District.
Schools Included	Western High School
Managing Department/School	Western High School
Source of Additional Information	1. Bobbie Barnwell, Teacher – Western High 754-323-2400 2. Stephanie R. Pollard, Director – Grants Administration & Government Programs (GAGP) 754-321-2260
Project Description	Western High School serves a diverse student population and has a 49 percent minority rate. Students are from at least 10 different countries and speak 5 different languages. Cross-cultural communication challenges are present at the school and manifest themselves in a variety of ways including school insecurity and intolerance. This program will provide critical insight into the dynamics and will challenge cultural assumptions through improved lesson plans, resource guides, field trips, guest speakers, and reading materials.
Evaluation Plan	Attendance at meetings, events, and field trips will be tracked by head count. Students will be given a short test along with roleplay scenarios to evaluate effectiveness of the program activities.
Research Methodology	N/A
Alignment with Strategic Plan	This grant award is aligned to District Strategic Plan Goal 1: High-Quality Instruction as students build life skills including cross-cultural communication, tolerance, and empathy.
Level of Support provided by GAGP	This grant opportunity was disseminated to all schools in Davie through principals, grant liaisons, and grant community members. GAGP staff were responsible for strengthening the proposal and budget, providing support materials, writing the executive summary for the Board agenda, and tracking the grant through the eCivis grants management system.

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## EXECUTIVE SUMMARY

### Grant 08/02/16 – D

<b>Grant Program</b>	<b>Town of Davie: Community Endowment Program – Western High School (Murphy)*</b>	
Status	New - Competitive	
Funds Requested	\$2,500 (requested)	
Financial Impact Statement	The potential positive financial impact is \$2,500. The source of funds is the Town of Davie. There is no additional financial impact to the District.	
Schools Included	Western High School	
Managing Department/School	Western High School	
Source of Additional Information	1. Magda Murphy-Bozkurt, Teacher – Western High 2. Stephanie R. Pollard, Director – Grants Administration & Government Programs (GAGP)	754-323-2400 754-321-2260
Project Description	This project has to do with aerospace engineering. Students will put in practice the engineering design process in their investigation. The concepts presented in physics class will come to life through the experience of designing, building, and launching rockets. Most of the student’s designing will occur using SolidWorks CAD software which is the same computer programs used by professionals in the field. Activities like building a rocket that will travel to Mars by applying laws of motion, or evaluating and then improving flight performance by modifying the original design, introduce students to National Aeronautics and Space Administration technology and its future plans. The advanced students in the program also explore parachute recovery systems, center of gravity/pressure, and stability of the rocket. They will have to calculate and adjust apogee to meet specifications. All students will use Openrocket simulation software and 3-D modeling programs during their studies.	
Evaluation Plan	Due to the practical experience acquired, upon completion, students will have improved the following skills: designing, building, public speaking, team work, critical thinking, problem solving, and community awareness. Also, the students will experience a grown interest in science, technology, engineering, and math (STEM). They will possess a deeper understanding of carrying out a mission. Consequently, an increasing number of students will pursue careers in aerospace or other STEM fields.	
Research Methodology	Using the latest technology is important not only for increasing students’ interest, but also for preparing them for jobs in the 21 <sup>st</sup> century. As they acquire the computer skills necessary in today’s workforce, they will be engaged in their own learning process even without realizing it. Learning will suddenly become a dynamic process.	
Alignment with Strategic Plan	This grant award is aligned to District Strategic Plan Goal 1: High-Quality Instruction as student engagement and learning improves through hands-on experiences and access to new and innovative technologies.	
Level of Support provided by GAGP	This grant opportunity was disseminated to all schools in Davie through principals, grant liaisons, and grant community members. GAGP staff were responsible for gathering application information from the school, writing the executive summary for the Board agenda, preparing a hard copy of the file for record keeping, and tracking the grant through the eCivis grants management system.	

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## EXECUTIVE SUMMARY

### Grant 08/02/16 – E

<b>Grant Program</b>	<b>Town of Davie: Community Endowment Program – Western High School (Schwartz)*</b>	
Status	New - Competitive	
Funds Requested	\$6,794 (requested)	
Financial Impact Statement	The potential positive financial impact is \$6,794. The source of funds is the Town of Davie. There is no additional financial impact to the District.	
Schools Included	Western High School	
Managing Department/School	Western High School	
Source of Additional Information	1. Jeanette Schwartz, Teacher – Western High 2. Stephanie R. Pollard, Director – Grants Administration & Government Programs (GAGP)	754-323-2400 754-321-2260
Project Description	The Coping with Stress program is a cognitive-behavioral group prevention and intervention program that is designed to prevent the development of depressive disorders by teaching adolescents how to recognize and change irrational and pessimistic thoughts. With this potential grant, certified and/or licensed professionals will provide counseling and support to 40 students in small group sessions. As a part of the program, student will attend one 90-minute session per week afterschool for eight weeks to learn life coping skills, stress relief, and anxiety and depression management. The small group sessions will be designed with the specific needs of the multicultural student body in mind. Participants will be referred through the Response to Intervention process or by teacher referral. In addition to participating in the group sessions, students will receive a student journal, <i>The Coping with Stress Course Adolescent Workbook</i> .	
Evaluation Plan	Program performance will be evaluated through quarterly grade reports, attendance records, and results of the pre-counseling and post-counseling mood questionnaire.	
Research Methodology	The Coping with Stress program is based on a model that considers depression as the result of multiple elements acting in combination. These include negative cognitive processes, stressful events, vulnerabilities/risk factors, and immunities to depression (e.g., high self-esteem, coping skills, and high frequency of positive activities). Several prominent studies have shown that the use of cartoons, role plays, and group discussions are effective tools in reducing depressive symptoms in adolescents.	
Alignment with Strategic Plan	This grant award is aligned to District Strategic Plan Goal 1: High-Quality Instructions as students receive the academic, social, and behavioral support they need to thrive in school and in life.	
Level of Support provided by GAGP	This grant opportunity was disseminated to all schools in Davie through principals, grant liaisons, and grant community members. GAGP staff were responsible for strengthening the proposal and budget, providing support materials, writing the executive summary for the Board agenda, and tracking the grant through the eCivis grants management system.	

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