

## POST-SUBMISSION EXECUTIVE SUMMARY

### Grant 030414-A

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|----------------------------------|---|
| Grant Program                    | Dart Foundation STEM Grant  |
| Status                           | New - Competitive   |
| Funds Requested                  | \$8,402   |
| Financial Impact Statement       | The positive financial impact, if funded, is \$8,402. The source of funds is the Dart Foundation. There is no additional financial impact to the District.  |
| Schools Included                 | Apollo Middle School and Silver Shores Elementary School  |
| Managing Department/School       | The schools will manage their grant activities and funds.   |
| Source of Additional Information | Holly Berline 754-321-2260<br>Diana Dworzan 754-323-2900<br>Shawn Aycock 754-323-2900<br>Dawn Lopez 754-323-7550<br>Jonathon Leff 754-323-7550  |
| Project Description              | The Dart Foundation considers grant requests in Education, with emphasis on Science, Technology, Engineering, and Mathematics (STEM). Apollo Middle School requested funds for <i>Up, Up, and Away</i> , a real-life, standards driven unit that incorporates rigorous science, technology, engineering, and math content through a two-part study and application of aeronautical concepts of flight. Students will research, design, and create a parachute and hot air balloon during the nine-week unit. Silver Shores Elementary requested funds for their <i>Coding for the Future</i> project to continue the Hour of Code program at their school. A regular schedule will be created to allow students to participate in the development of STEM skills through computer programming. The grants were written and developed by Diana Dworzan, STEM lead teacher at Apollo Middle and Dawn Lopez, teacher and media specialist at Silver Shores Elementary. |
| Evaluation Plan                  | At Apollo Middle School, students will conduct an experiment to determine load and capacity and calculate descent velocity and acceleration. Students will be evaluated based on their lab journals and their ability to share findings with peers. Silver Shores Elementary students will have access to a 20-hour computer programming curriculum through Code.org, will be exposed to possible STEM careers, learn logical thinking processes required for success in STEM careers, and be better prepared for higher education and/or careers in STEM fields.   |
| Research Methodology             | The projects support the District Strategic Plan Goal 3. High Quality Instruction, specifically College and Career Readiness and Middle School Readiness. Projects are expected to help ‘improve student performance by focusing on raising academic rigor in teaching and learning among staff and students, and preparing students and staff for global competitiveness.’   |

## POST-SUBMISSION EXECUTIVE SUMMARY

### Grant 030414-B

|                                  |  |              |
|----------------------------------|--|--------------|
| Grant Program                    | Exxon Mobil Educational Alliance Grant   |              |
| Status                           | New Competitive  |              |
| Funds Requested                  | \$2,000  |              |
| Financial Impact Statement       | The positive financial impact is \$2,000. The source of funds is the Exxon Mobil Alliance. There is no additional financial impact to the District.  |              |
| Schools Included                 | Coral Cove, Oakland Park, Sawgrass, and Sunland Park Elementary Schools  |              |
| Managing Department/School       | The schools will manage their grant activities and funds   |              |
| Source of Additional Information | Holly Berline  | 754-321-2260 |
|                                  | Phillip Bullock  | 754-323-7950 |
|                                  | Michelle Garcia  | 754-322-7500 |
|                                  | Sherry Rose  | 754-322-8500 |
|                                  | Sharonda Bailey  | 754-322-8550 |
| Project Description              | The Exxon Mobil Alliance receives school nominations from local Exxon Mobil stations to receive grants to be used in the area of Math and/or Science. Coral Cove, Oakland Park, Sawgrass, and Sunland Park Elementary Schools were each nominated by their local service station and received gifts of \$500. Schools will use funds to supplement math and/or science programs. The gifts were unsolicited. |              |
| Evaluation Plan                  | Since the grants are gifts, there is no evaluation requirement.  |              |
| Research Methodology             | The gifts are unsolicited and therefore not based on research.   |              |

## POST-SUBMISSION EXECUTIVE SUMMARY

### Grant 030414-C

|                                  |   |              |
|----------------------------------|---|--------------|
| Grant Program                    | Florida Farm Bureau Agriculture in the Classroom Team School Garden Grant   |              |
| Status                           | New Competitive   |              |
| Funds Requested                  | \$1,000   |              |
| Financial Impact Statement       | The potential positive financial impact, if funded, is \$1,000. The source of funds is Florida Farm Bureau. There is no additional financial impact to the District.  |              |
| Schools Included                 | Oakland Park Elementary School  |              |
| Managing Department/School       | The school will manage their grant activities and funds   |              |
| Source of Additional Information | Holly Berline   | 754-321-2260 |
|                                  | Cynthia Muni  | 754-322-7500 |
|                                  | Michelle Garcia   | 754-322-7500 |
| Project Description              | The Florida Farm Bureau provides grants for K-12 schools designed to fund school garden projects led by a team of at least three teachers that will educate Florida's students about the importance of agriculture and allow teachers to use a school garden to teach math, science, social studies, and language arts. Oakland Park Elementary School requested funds for their <i>First Fruits</i> project designed to improve students' grades and lead to a healthier lifestyle. Students will be designing and constructing a fruit and vegetable garden. The grant was written and developed by Cynthia Muni, PK-5 Visual Art Teacher at Oakland Park Elementary. |              |
| Evaluation Plan                  | A standards-based agricultural curriculum and associated learning goals incorporating "Gardening for Grades" activities will provide hands-on experiences as students plan, manage, and work in the garden. These learning experiences will be the cornerstone of the classroom lessons in the overarching subject area of science and the integration of math, English, language arts, and social studies. The project will use a pre- and post-test to measure a targeted 50% increase in test scores by the end of the "Gardening for Grades" lessons.   |              |
| Research Methodology             | Nontraditional, hands-on instructional strategies have been shown to enhance engagement and academic performance.   |              |

## POST-SUBMISSION EXECUTIVE SUMMARY

### Grant 030414-D

|                                  |  |
|----------------------------------|--|
| Grant Program                    | Lowe's Toolbox for Education   |
| Status                           | New Competitive  |
| Funds Requested                  | \$10,000   |
| Financial Impact Statement       | The positive financial impact is \$10,000. The source of funds is Lowe's. There is no additional financial impact to the District.   |
| Schools Included                 | Bair Middle and Pompano Beach Middle Schools   |
| Managing Department/School       | The schools will manage their grant activities and funds   |
| Source of Additional Information | <div>Holly Berline 754-321-2260</div> <div>Christine Clock 754-322-2900</div> <div>James McDermott 754-322-2900</div> <div>Susan Hurley 754-322-4222</div> <div>Sonja Braziel 754-322-4200</div>   |
| Project Description              | The Lowe's Toolbox for Education program invites schools, in partnership with parent-teacher groups, to apply for grants for a wide range of school improvement projects. Bair Middle School requested funds to support their Parent Involvement Center to be created in a retrofitted classroom. The classroom will become a multi-use room with computer wiring, to create a lab and technology-enabled parent and volunteer center. Pompano Beach Middle School requested funds for their Heritage Garden, a partnership with the Pompano Beach Historic Society, to preserve and appreciate the school's 100-year-old trees while creating a garden sanctuary for reading, arts, botany instruction, and counseling. The grants were written and developed by Christine Clock, 6 <sup>th</sup> grade teacher and Jada program facilitator, and Susan Hurley, magnet coordinator at Pompano Beach Middle. |
| Evaluation Plan                  | Bair Middle School's Parent Involvement Center is intended to improve school-community relations and bolster the parent education program, all in support of student achievement. Pompano Beach Middle School's Heritage Garden will provide a serene venue for educational, historic, and artistic events, in addition to an informal before and after school reading area. In addition, in both cases, building and maintaining the outdoor spaces will allow students to utilize academic skills in reading, math, and science.   |
| Research Methodology             | Nontraditional, hands-on instructional strategies have been shown to enhance engagement and academic performance for general education students and students with exceptionalities.  |

## POST-SUBMISSION EXECUTIVE SUMMARY

### Grant 030414-E

|                                  |  |              |
|----------------------------------|--|--------------|
| Grant Program                    | NEA Foundation Learning & Leadership Grant   |              |
| Status                           | New Competitive  |              |
| Funds Requested                  | \$2,000  |              |
| Financial Impact Statement       | The potential positive financial impact, if funded, is \$2,000. The source of funds is the NEA Foundation. There is no additional financial impact to the District.  |              |
| Schools Included                 | Bright Horizons Center   |              |
| Managing Department/School       | The school will manage their grant activities and funds  |              |
| Source of Additional Information | Holly Berline  | 754-321-2260 |
|                                  | Janel Rowe   | 754-321-6400 |
|                                  | Ann Kowalski   | 754-321-6400 |
| Project Description              | NEA's Learning & Leadership grants support public school teachers and others for one of the following two purposes: grants to individuals fund participation in high-quality professional development experiences; or grants to groups fund collegial study, including study groups, action research, lesson study, or mentoring experiences for faculty or staff new to an assignment. Bright Horizons requested funds to attend a Healthcare Garden Design Certification Program at the Chicago Botanic Garden to maximize design, functionality, and benefits of the growing garden project at their school. The school's 2 <sup>nd</sup> and 3 <sup>rd</sup> grade special education teacher will use her Horticulture Therapist and Healthcare Garden Design certifications to better implement a therapy garden and programming for students with disabilities at Bright Horizons. The grant was written and developed by Janel Rowe, a Special Education Teacher at Bright Horizons School. |              |
| Evaluation Plan                  | The purpose of the professional development described is to design and implement garden environments that maximize the effectiveness of clinical treatments for those with disabilities. Further, building and maintaining the outdoor spaces will allow students to utilize academic skills in reading, math, and science.  |              |
| Research Methodology             | According to Kids Gardening ( <a href="http://www.kidsgardening.org/node/11435">http://www.kidsgardening.org/node/11435</a> ), although gardening is an exciting and engaging activity for all children, the opportunities for hands-on learning through exploration, experimentation, and nurturing can be especially beneficial for children with special needs. In addition, nontraditional, hands-on instructional strategies have been shown to enhance engagement and academic performance for all students.   |              |

## POST-SUBMISSION EXECUTIVE SUMMARY

### Grant 030414-F

|                                  |   |
|----------------------------------|---|
| Grant Program                    | Target Field Trip Grant   |
| Status                           | New Competitive   |
| Funds Requested                  | \$3,500   |
| Financial Impact Statement       | The potential positive financial impact is \$3,500. The source of funds is Target. There is no additional financial impact to the District.   |
| Schools Included                 | Castle Hill Elementary, Crystal Lake Middle, Dolphin Bay Elementary, Lauderhill Middle, and Pompano Beach Middle Schools  |
| Managing Department/School       | The schools will manage their grant activities and funds  |
| Source of Additional Information | <div style="display: flex; justify-content: space-between;"> <div> Holly Berline<br/> Melanie Fields<br/> Frances Fuce-Ollivierre<br/> Tiffany Peterson<br/> Sabine Phillips<br/> Cristina Aguiar<br/> Sandra Nelson<br/> Arnetta Davis<br/> Ryan Reardon<br/> Susan Hurley<br/> Sonja Braziel </div> <div> 754-321-2260<br/> 754-322-5600<br/> 754-322-5600<br/> 754-321-3124<br/> 754-322-3100<br/> 305-863-8706<br/> 754-323-8000<br/> 754-322-3621<br/> 754-322-3200<br/> 754-322-4222<br/> 754-322-4200 </div> </div>  |
| Project Description              | <p>The Target Field Trip Grant program supports unique, firsthand learning experiences and opportunities that extend beyond the classroom by helping schools bring students to museums, historical sites, and cultural organizations. Castle Hill Elementary requested funds to support a Kids and the Power of Work (KAPOW) field trip allowing businesses and schools to work together to educate and expose students to various career options. Crystal Lake Middle requested funds to allow students to visit the BB&amp;T arena. Participants will work with professionals there getting hands-on experiences related to careers they are interested in pursuing. Dolphin Bay Elementary requested funds to travel to Zoo Miami to experience animals within their natural ecosystems and habitats. Lauderhill Middle School will use funds to visit the African American Research Library and Cultural Center. Pompano Beach Middle requested funds to visit the Sample McDougald House. The grants were written and developed by: Melanie Fields, Exceptional Student Education teacher at Castle Hill Elementary; Tiffany Peterson, 8<sup>th</sup> grade assistant principal at Crystal Lake Middle; Cristina Aguiar, a 3<sup>rd</sup> Grade Teacher at Dolphin Bay Elementary; Arnetta Davis, magnet coordinator at Lauderhill Middle School; and Susan Hurley, magnet coordinator at Pompano Beach Middle School.</p> |
| Evaluation Plan                  | <p>According to grant guidelines, field trips are designed to provide learning opportunities outside the classroom. Castle Hill participants will be able to ask and answer questions, solve problems, think critically, and make connections between school and the workplace; Crystal Lake students will focus on college and career readiness; Dolphin Bay students will be addressing science standards; Lauderhill Middle School participants will improve behavior following the cultural awareness and education experience; and Pompano Beach Middle School students will learn about the history of their city and obtain a better understanding of film and media history. Results will be measured through teacher observations, evaluation of trip-related student projects, student generated research, participant recall of trip-related facts, improvement in behavior, and/or scored presentations.</p>  |
| Research Methodology             | <p>According to Annenberg Learner at <a href="http://www.learner.org/workshops/tml/workshop6/teaching3.html">http://www.learner.org/workshops/tml/workshop6/teaching3.html</a>, field trips can connect schoolwork with the world, making it tangible and memorable. A field trip stimulates questions and ideas at the beginning or end of a unit. Field trips also provide an experiential "text" for students to study and interrogate.</p>  |

## POST-SUBMISSION EXECUTIVE SUMMARY

### Grant 030414-G

|                                  |  |
|----------------------------------|--|
| Grant Program                    | Walmart Local Facility Giving Program  |
| Status                           | New Competitive  |
| Funds Requested                  | \$1,500  |
| Financial Impact Statement       | The positive financial impact is \$1,500. The source of funds is the Walmart Foundation. There is no additional financial impact to the District.  |
| Schools Included                 | Hollywood Hills and Plantation Elementary Schools  |
| Managing Department/School       | The schools will manage their grant activities and funds   |
| Source of Additional Information | <div>Holly Berline 754-321-2260</div> <div>Julie Chia 954-922-8549</div> <div>Vered Roberts 754-323-6200</div> <div>Darlene DeRusha 754-322-8000</div> <div>Tonya Frost 754-322-8000</div>   |
| Project Description              | Through the Local Community Contribution program (LCC), each Walmart has an annual budget allocated by the Walmart Foundation. The purpose of this program is to support local organizations that are important to each facility and the community it serves. Hollywood Hills Elementary requested funds to create and promote their vegetable garden for 4 <sup>th</sup> and 5 <sup>th</sup> grade students in the aftercare program. The location will also allow other teachers and staff to educate their students about gardening and plant life. Plantation Elementary requested funds to support their “Imagination Station,” an outdoor gazebo lab and education garden where students can incorporate hands-on application of reading, math, and science skills to learn about the natural world around them. The grants were written and developed by Julia Chia, instructional program activity coordinator at Hollywood Hills Elementary, and Darlene DeRusha, the STEM magnet coordinator at Plantation Elementary. |
| Evaluation Plan                  | Projects will be evaluated based on a variety of measures including but not limited to: finished projects, knowledge gained using pre- and post-tests, presentations evaluated by teacher developed rubrics, functionality of products built, and/or subject matter quizzes.   |
| Research Methodology             | The projects reflect active approaches to learning, are consistent with the appropriate grade-level curriculum, and are aligned with Sunshine State Standards and Common Core State Standards.   |

## POST-SUBMISSION EXECUTIVE SUMMARY

### Grant 030414-H

|                                  |   |
|----------------------------------|---|
| Grant Program                    | Walmart STAR Teacher Grant  |
| Status                           | New Competitive   |
| Funds Requested                  | \$1,000   |
| Financial Impact Statement       | The positive financial impact is \$1,000. The source of funds is the Walmart Foundation. There is no additional financial impact to the District.   |
| Schools Included                 | Plantation Elementary School  |
| Managing Department/School       | The teachers will manage their grant activities and funds   |
| Source of Additional Information | Holly Berline 754-321-2260<br>Darlene DeRusha 754-322-8000<br>Tonya Frost 754-322-8000  |
| Project Description              | Through the Local Community Contribution program (LCC), each Walmart has an annual budget allocated by the Walmart Foundation. The purpose of this program is to support local organizations that are important to each facility and the community it serves. The STAR Teacher grant provides gift cards directly to teachers to support classroom activities in the surrounding community. Plantation Elementary requested funds to assist 20 teachers with purchasing school supplies related to student achievement and incentives to promote learning. The grant was written and developed by Darlene DeRusha, the STEM magnet coordinator at Plantation Elementary School. |
| Evaluation Plan                  | As required by the grant application, the projects will be used exclusively for public services, i.e., K-12 public education.   |
| Research Methodology             | According to research by Allen and Fryer ( <i>The Powers and Pitfalls of Education Incentives</i> , The Hamilton Project, September 2011), "Recent incentive programs... demonstrate that well-designed rewards to students can improve achievement..."   |