



AGENDA REQUEST FORM

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

MEETING DATE	2018-06-12 10:05 - School Board Operational Meeting
AGENDA ITEM	ITEMS
CATEGORY	EE. OFFICE OF STRATEGY & OPERATIONS
DEPARTMENT	Grants Administration

Special Order Request	
<input type="radio"/> Yes	<input checked="" type="radio"/> No
Time	
Open Agenda	
<input checked="" type="radio"/> Yes	<input type="radio"/> No

ITEM No.:
EE-1.

TITLE:
Grant Applications - Post-Submission

REQUESTED ACTION:
Approve the submission of the following grant applications (A - Z): **A.** Action..., \$1,000(awarded) **B.** City..., \$8,666(requested) **C.** Digital..., \$460,000 (requested) **D.** Donors..., \$0(awarded) **E.** Farmers..., \$2,500(requested) **F.** Florida Atlantic..., \$0(awarded) **G.** Florida...Students, \$64,400(requested) **H.** Florida...Development, \$610,641(requested) **I.** Florida...Disabilities, \$128,000(requested) **J.** Humana..., \$300,000(requested) **K.** JFG...Hallandale..., \$45,000(awarded) **L.** JFG...Miramar..., \$45,000(awarded) **M.** JFG...South..., \$95,000(awarded) **N.** Max..., \$20,000(requested) **O.** NSF..., \$430,954(requested) **P. NSF...**, \$249,750(requested) **List is continued in the Summary Explanation and Background section below.**

SUMMARY EXPLANATION AND BACKGROUND:
Q. Novo..., \$25,000(requested) **R.** Sea..., \$11,095(requested) **S.** The James..., \$0(awarded) **T.** T-Mobile..., \$0(requested) **U.** US..., \$4,000,000 (requested) **V.** US..., \$345,000(requested) **W.** Voya..., \$25,000(requested) **X.** Walmart..., \$500(awarded) **Y.** Wells..., \$1,000(awarded) **Z.** Whole..., \$2,000(awarded) Copies of the grant applications and executive summaries are available at the School Board members' office on the 14th floor of the K.C. Wright Administration Center and online via the Broward eAgenda at <http://webappe.browardschools.com/eagenda/>

SCHOOL BOARD GOALS:

Goal 1: High Quality Instruction **Goal 2: Continuous Improvement** **Goal 3: Effective Communication**

FINANCIAL IMPACT:
The potential positive financial impact if all projects are awarded is \$6,870,506 from various sources.

EXHIBITS: (List)
(1) Executive Summaries

BOARD ACTION:

APPROVED

(For Official School Board Records Office Only)

SOURCE OF ADDITIONAL INFORMATION:

Name: Stephanie R. Williams	Phone: 754-327-2260
Name:	Phone:

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA
Senior Leader & Title

Maurice L. Woods - Chief Strategy & Operations Officer

Signature
Maurice Woods
5/24/2018, 2:14:01 PM

Approved In Open Board Meeting On: **JUN 12 2018**
By: *Nora Rupert*
School Board Chair

POST-SUBMISSION EXECUTIVE SUMMARY

Grant 06/12/18 – P

Grant Program	National Science Foundation – STEM+C Supplement
Status	New – Competitive
Funds	\$249,750 (requested)
Financial Impact Statement	The potential positive financial impact is \$249,750. The source of funds is from the National Science Foundation (NSF). There is no additional financial impact to the District.
Schools Included	The following elementary schools will be given the option to participate to continue the work done with the current awarded STEM+C grant schools: Bennett, Silver Shores, Silver Lakes, Pompano Beach, Deerfield Park, Riverglades, Indian Trace, Eagle Point, Morrow, Panther Run, Bayview, Sunshine, Dolphin Bay, Sunset Lakes, Village, Margate, and Gator Run.
Managing Department	Applied Learning Department
Source of Additional Information	<ol style="list-style-type: none"> 1. Dr. Lisa Milenkovic, Supervisor, STEM+Computer Science – 754-321-2623 Applied Learning Department 2. Stephanie R. Williams, Director – Grants Administration & Government Programs (GAGP) 754-321-2260
Project Description	<p>Broward County Public Schools (BCPS) is partnering with UChicago STEM Education at the University of Chicago to expand an exploratory NSF STEM + C project (NSF #1542842) in BCPS that has infused computer science (CS) into the elementary school day through the introduction of Grade 3-5 Interdisciplinary Problem-Based Learning (IPBL) modules. Initial findings of the exploratory study are shared at http://outlier.uchicago.edu/TimeforCS.</p> <p>The project will continue the development of the IPBL modules and take them through a rigorous data-informed design and development process. Currently, the modules are taught in the context of the literacy block so that time for using them is assured. While connecting to the literacy activities, the IPBL modules focus on a problem derived from Florida science and social studies standards. Students engage in solving the problem through learning experiences that connect to the literacy standards while integrating computer science and science lessons. The module development process will be led by curriculum development experts at UChicago STEM Education who will assure that the lessons are pedagogically and conceptually sound. Concurrent with the development process, BCPS Instructional Facilitators will provide professional development and, with Elementary Master Teachers, will regularly collaborate with the UChicago Team providing practical input, expert teacher experience, and lesson feedback.</p> <p>NSF has offered BCPS the opportunity to apply for a supplement of the original STEM+C grant award to perform an extension of the project through June 30, 2019.</p>
Evaluation Plan	Outcomes: this project will 1) provide young learners with opportunities to learn subjects that are often swept aside at the elementary level and 2) create refined and tested IPBL modules; 3) create models of professional development (PD) for supporting teachers using the modules; 4) generate knowledge about the extent to which teacher attitudes moderate and mediate student outcomes; and 5) generate findings about relationships between students' participation in IPBL experiences and their academic outcomes as well as their attitudes about science and CS.
Research Methodology	The CS education field is engaging in unprecedented efforts to broaden participation in CS education. BCPS has been a staunch advocate of this work and has committed to bringing CS opportunities to all students, K-12. While a great deal of national attention has been directed to the high school level, fewer efforts have focused on lower grades.
Alignment to Strategic Goals	This grant is aligned to District Strategic Plan Goal 1: High-Quality Instruction and District Strategic Plan Goal 2: Continuous Improvement.
Level of Support provided by GAGP	GAGP staff assisted with the budget revision for the extension application. Staff also created the executive summary for the board agenda. Staff will continue to track grant application through the federal and local grants management systems.