

EXECUTIVE SUMMARY

New agreement between The Flying Classroom, LLC and The School Board of Broward County, Florida (SBBC)

Project Overview

Type of Contract	Professional Service and Software Agreement
Status	New agreement
Funds Requested	The financial impact is \$99,750 for the 12-month subscription, and \$11,490 for professional development support services.
Financial Impact Statement	Funds will be provided through Title I Grant funding. Total funding requested is \$111,240. There is no additional financial impact to the District.
Managing Department	Mathematics, Science & Gifted Department
Source of Additional Information	Guy Barmoha, 754-321-2119 Dr. Lisa Milenkovic, 754-321-2119
Project Description	<p>This agreement also provides for 12-months of access to The Flying Classroom supplemental curriculum and professional development support services for 50 teachers at up to 50 Title I schools. The Flying Classroom is a Science, Technology, Engineering and Mathematics (STEM) and literacy supplemental curriculum developed with NASA and using a team of National Geographic Explorers and other STEM professionals.</p> <p>The program consists of 24 STEM expeditions summarized in Exhibit A. Captain Barrington Irving, a National Geographic Explorer, leads all expeditions. The STEM expeditions will allow the students and teachers to virtually fly along with Captain Irving as he meets STEM professionals and solves problems that require application of the knowledge and skills the students are learning in the classroom. This experience will help the students realize why STEM is important in solving local and global problems and engage students in the possibilities of STEM careers. Captain Irving will serve as a guide and role model for the community for engagement in authentic STEM experiences. Teachers, students and parents will interact directly with Captain Irving and the STEM professionals involved in the expeditions through in-person and online interactions.</p>

Deliverables	<ul style="list-style-type: none"> • Online Flying Classroom expedition STEM and literacy connected curriculum (24 expeditions) for 50 teachers • Skype session with Captain Irving for each participating school • Teacher professional development: 3-hour workshop for participating teachers • Two scheduled implementation support visits to each school by Flying Classroom support and on call support via email and phone as needed • Captain Irving presentation at a Title 1 parent outreach event • Captain Irving visit and presentation at 10 of the participating schools selected through an incentive contest
Appraisal of Impact on Student Learning	<ul style="list-style-type: none"> • Engagement with authentic STEM experiences will provide students with connections of classroom learning to STEM careers • Role model interactions with Captain Irving and the STEM professionals visited on the expeditions will expose students to potential future STEM careers • Application of grade appropriate science standards to hands-on problem-solving in the authentic context of the varied expeditions