

## AGREEMENT EXECUTIVE SUMMARY

<b>Grant Program</b>	<b>Motorola Solutions Foundation</b>
Financial Impact Statement	The positive financial impact is \$45,000. The source of funds is the Motorola Solutions Foundation. There is no additional financial impact to the District.
Schools Included	Western High School, Indian Ridge Middle School and Flamingo Elementary School
Managing Department/School	Western High School
Source of Additional Information	1. Christine Graf, Assistant Principal – Western High School      754-323-2430
Project Description	Western High School's STEM Synergy provides K-12 students with opportunities to develop both technical and soft skills in the field of engineering. STEM Academy students spark interest in STEM fields to approximately 250 students through community outreach, robotics competitions, and mentoring local middle and elementary school students through after-school Junior STEM programs. The two-week STEM Summer Institute offers STEM enrichment to students entering grades 4 through 9.
Evaluation Plan	After completion, the program will be evaluated as follow: 1) Increase math and science achievement performance as measured by State and National criterion-based assessments. 2) Increase participation rate in the school, regional, and national rate in Science, Technology, Engineering, and Mathematics (STEM) competitions, and 3) Improve attitudes towards science and technology.
Research Methodology	The trends in International Math and Science Study (TIMSS) and Program for International Student Assessment (PISA) have shown how US students are lagging our counterparts in math and science achievements, even more so at the secondary level. While examining the math and science achievements results, BCPS students' science performance lags behind math scores. BCPS believes that students need to receive more hands-on, balanced STEM experiences at every level.
Alignment with Strategic Plan	This project is consistent with District Strategic Plan Goal 1: High-Quality Instruction as schools' work to strengthen middle grades leaning and promote college and career readiness through mentoring and the provision of hands-on STEM experiences.
Level of Support provided by Grants Administration (GA)	Level 3 - GA staff were responsible for negotiating contract language between the School Board and the funder along with preparing an agenda item for contract execution and respective archive for record keeping.