



BUFFALO PUBLIC SCHOOLS

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To: BPS Community

From: Dr. Kriner Cash, Superintendent

Date: January 8, 2020

CC: Buffalo Board of Education
Cabinet
Dr. Genelle Morris, Chief Accountability Officer

RE: Volume 21: "Focus on Mathematics Self-Efficacy" Research Capsule

The Buffalo Public Schools' (BPS) Education Bargain with Students and Parents has established a mission to ensure the best instruction for all of our children, every day, in every classroom, in every subject, in every year of their schooling. The Research Services arm of the Office of Shared Accountability continues to publish research articles offering current research to supplement insights in policy for a complex, multi-dimensional view of current practices in education, including those aligned to the essential elements of the Education Bargain.

I am pleased to disseminate this issue of the Office of Shared Accountability Research Capsules. I hope that you enjoy and find value for providing a better education for our students in these research briefs. This twenty first research brief discusses the topic of student success in mathematics, supported by their mathematics self-efficacy. By understanding more about how self-efficacy applies to student success in mathematics, we can better support our students, especially those who later aspire to fill some of the approximately 2.4 million vacant science, technology, engineering, and mathematics (STEM) jobs in the nation (National Science Foundation, 2015).

Further research briefs will continue to discuss topics related to the Education Bargain. For further information, please contact Dr. Genelle Morris, Chief Accountability Officer. Each research brief and capsule will be published online at the BPS website, under the Accountability Research Services webpage, located at <https://www.buffaloschools.org/Page/299>.

Thank you.

"Putting children and families first to ensure high academic achievement for all."