TU ELEMENTARY MAJORS HOST “MATH GAME DAY”
Creating Positive Dispositions about Mathematics for Students and Families in Baltimore County

A CLOSER LOOK
Towson University Elementary Education majors enrolled in a mathematics methods course, partnered with the Essex Branch of the Baltimore County Public Library to host a one-hour Math Game Day. Serving low-income students, Towson University students teach math games they have developed to the participating children and their adult caregivers. In order to promote sustainability, grant funding was used to provide up to 20 students with “Math Take-Home Bags” that include: copies of all games the TU students created, all materials required to play the games, one math-related children’s book, a brochure with mathematical resources and activities created by TU students.

SERVICES/SOLUTIONS/OUTCOMES
• Creating positive dispositions about mathematics for students and families.
• Learning about the mathematical challenges facing some of the more economically disadvantaged neighborhoods in Baltimore County.
• Observing neighborhood conditions and working to affect positive mathematical dispositions in order to reflect upon their experiences in an effort to discuss causes of social inequality and equity in mathematics instruction, and propose suggestions to improve conditions that foster positive mathematical dispositions.
• Developing experience and skills to become an active and engaged elementary mathematics educator.
• In addition, the goal for creating math games is to develop a file of mathematical games and activities, to become familiar with professional resources, and to become aware of modifications for a variety of students. By planning and hosting a Math Game Day, Towson University students will be able to teach mathematics to children outside the classroom setting, and help establish connections with parents and adult caregivers.

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