



SABES Volunteer Overview

Thank you for your interest in
volunteering with SABES!

STEM Achievement in Baltimore Elementary Schools (SABES)



- ▶ Johns Hopkins University-Baltimore City Public Schools math and science partnership
- ▶ Supported by the National Science Foundation

WHY VOLUNTEER?



- ▶ Welcome students into the STEM pipeline at an early age and encourage them to consider STEM majors/careers
- ▶ Introduce students to STEM careers
- ▶ Provide students with a meaningful opportunity to meet STEM experts and enthusiasts
- ▶ Explain how science and math are utilized by engineers
- ▶ Discuss real-life applications of the tools and concepts that students learn in the classroom
- ▶ Support students completing Student Driven Projects – using STEM to improve aspects of their community

WHO CAN VOLUNTEER?



- ▶ STEM Professionals
- ▶ STEM Retirees
- ▶ STEM Faculty
- ▶ STEM Graduate Students & Post Docs
- ▶ STEM Undergraduate Students
- ▶ STEM Enthusiasts

WHAT & WHEN?



- ▶ Become a mentor for afterschool SABES!
 - ▶ Serve with on a team of 4 or 8 mentors in support of one SABES afterschool classroom
- ▶ Support the classroom approximately 2 - 4 hours / month (plus travel time)
 - ▶ Each week, a pair of mentors assists the students during a 2-hour SABES class
 - ▶ Based on team size, a mentor will visit the classroom 1 or 2 times / month
- ▶ Serve 28 weeks (or less) throughout the school year
 - ▶ Classes meet sometime between 2:30 and 6:00 PM, Monday – Thursday
 - ▶ Some sites run two 2-hour sessions/week, some run four 1-hour sessions/week

MENTORING



- ▶ Build relationships with students and facilitators
- ▶ Encourage students
- ▶ Support for learning critical thinking skills and the Engineering Design Process

WHERE?



Select one of our schools in Baltimore City:

Central Baltimore (near Johns Hopkins Homewood Campus or Johns Hopkins Hospital)	Southeast Baltimore (near Johns Hopkins Bayview Campus)	Northwest Baltimore (near Pimlico Race Track)
Barclay Elementary/Middle School	John Ruhrah Elementary/Middle School	Arlington Elementary/Middle School
Dallas F. Nicholas Sr. Elementary School		Calvin M. Rodwell Elementary School
Dr. Bernard Harris, Sr. Elementary School	West Baltimore	Pimlico Elementary/Middle School
Margaret Brent Elementary/Middle School	Robert W. Coleman Elementary School	

HOW?



- ▶ For more information on how to become involved, please complete this form and we will contact you:
<https://goo.gl/forms/LcIXOHBjQkh6fu553>
- ▶ Ready to become a volunteer? Please sign up at:
<https://goo.gl/forms/fZNePSGMyedsYQED3>
- ▶ Fingerprinting and a background check will be required
- ▶ All mentors must complete the JHU Online Child Safety training
- ▶ If you have any questions, please contact:

William Lyoo

SABES Program Coordinator
Center for Educational Outreach
Whiting School of Engineering
Johns Hopkins University

sabes@jhu.edu

410.516.7968

- ▶ For additional details, please visit the website at sabes.jhu.edu