



Everyday Settings & Family Activities

Lab Out Loud

[Lab Out Loud](#) was a weekly learning initiative instituted to provide students the unique opportunity to engage in and interact with African Americans in STEM culturally relevant teaching-related careers. African American professionals were invited to share their knowledge, skills, experiences and expertise through presentation or activity to students as a way to introduce and connect them to STEM careers.

African American professionals included a pediatric dentist, a civil engineer and a biomedical scientist. The goal of Lab Out Loud was to introduce, inform and ignite students' interest in STEM-related careers, especially careers least recognizable. Similarly, another critically important goal of Lab Out Loud was to utilize African American professionals and community experts. This provided students the opportunity to meet, interact and engage with STEM professionals of the same race, ethnicity and culture – thus developing and shaping their critical consciousness through cultural competence.

These representations of professional men and women of color in STEM careers provided tangible examples from the community in which students live of African American academic success in science, in hopes that students will see and self-identify with them.

Lab Out Loud is a podcast about science teaching in the classroom and beyond. Lab Out Loud seeks to explore science education through discussions with educators, researchers, leading scientists, science writers and other guests who are committed to promoting excellence and innovation in science teaching and learning for all on their educational success.

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