



Fall 2022

Build a Better Engineer

BBB finished its first year of a 4-year [NSF ITEST award](#)! This funding allows us to study the influences of longer-term, empathy-driven engineering experiences on teens' perceptions of engineering and STEM careers. Through pilot projects at four different sites, BBB hopes to improve our understanding of what content and program structure contributes to a meaningful engineering experience for high school students and future engineers. [Read more about pilot projects](#) at BBB - University of Colorado and with a partner site in New Jersey - Mountain Lakes Public Library.



Engineering and Design Internship

This summer, eleven high school students completed a very busy four-week engineering and design internship with BBB at University of Colorado, Boulder. Interns met with TVI's from Boulder Valley School District, Douglas County Schools, and the Anchor Center for the Blind to create tactile and accessible materials for a specific student. [Read more and view project slides!](#)



Empathy Driven Engineering

Mountain Lakes Public Library launched its Empathy-Driven Engineering internship this August. Teen interns will complete a 50-hour internship over the Fall semester and work in partnership with teachers and students at St. Joseph's School for the Blind, Sound Start Babies, and See3D to develop accessible products.

Out and About

Stacey Forsyth, BBB Director, made a trip to the east coast to visit BBB partner sites in New Jersey and Massachusetts. She met students at Mountain Lakes Public Library and Ma'ayanot Yeshiva School for Girls, talked to them about their BBB projects and participated in the Ma'ayanot student showcase. In



Boston, Stacey got a tour of the new makerspace facilities at The Possible Zone.

Partner Highlights



Client-Centered Design

Ninth and tenth graders at Ma'ayanot School for Girls in New Jersey spent the spring semester designing and making interactive activity boxes for their young clients at the School for Children with Hidden Intelligence. The activity boxes created fun and accessible ways for children to learn the alphabet, and independently explore animals, sounds, transportation, and stories. [Read more!](#)

BBB Resources



Get Started with BBB Lesson Plans

Are you interested in starting your own BBB project? BBB is easily customizable to the staffing, time, and resources available at your organization. Our partners have hosted BBB programs as an afterschool club, curriculum unit, community event, and more. [Check out sample lesson plans and BBB program formats](#) on the BBB website Resources Page.

Build a Better Book | 303.492.4839 | 4001 Discovery Dr. • Boulder, CO • 80303 | buildabetterbook.org



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