KIBO™ is based on over 20 years of research conducted by KinderLab co-founder Dr. Marina Bers. At her DevTech Research Group at Tufts University, Bers and her team developed both the theoretical foundation and the robotic prototypes that, with the support of the National Science Foundation, became KIBO. Her research shows specific, powerful and positive learning outcomes for young learners (ages 4–7) when working with KIBO. Find more at www.kinderlabrobotics.com/research-articles.

**Improved Sequencing Ability in Early Childhood**

PreK-Gr2 students’ performance on standard assessments of sequencing ability improved from 20-35% after an 8-week robotics and coding curriculum with KIBO.


**Improved Computational Thinking with Concrete Tools**

Children using KIBO performed 27% better on computational thinking than children using screen-based tools.


**Counteracting Harmful Gender-Based STEM Stereotypes**

After a KIBO curriculum, 2/3 of girls expressed an interest in engineering careers – a rate equal to boys. Girls who completed a 6-week KIBO curriculum were equally capable as boys at building and programming.


**Positive Impact on Underrepresented Groups in STEM Fields**

Studies also demonstrate successful mastery of programming and computational thinking skills by disadvantaged students in underperforming schools.