

# Assistive Technologies - Closed

- [Biocomplexity - Transforming Innovative High-School Curriculum](#) —

**Principal Investigator:** Brian Drayton and Gilly Puttick

**Funders:** [National Science Foundation](#)

**Website:** <http://biocomplexity.terc.edu>



This project is developing scaffolding materials for use with the TERC-developed Biocomplexity and the Habitable Planet curriculum— composed of innovative, inquiry-based instructional materials to engage high school students in the recent science of “coupled natural and human” (CNH) systems. [More »](#)

- [Handheld Signing Math and Science Dictionaries for Deaf or Hard-of-Hearing Museum Visitors Research Project](#) —

**Principal Investigator:** Judy Vesel

**Funders:** [National Science Foundation](#)

**Website:** <http://signsci.test.terc.edu>

TERC and the Museum of Science, Boston (MoS), are studying the integration—into MoS’s Take a Closer Look and Science in the Park exhibits—of iPod Touch versions of the Signing Science Pictionary (SSP), Signing Science Dictionary (SSD), and the Signing Math Dictionary (SMD). Developed by TERC and Vcom3D (innovators of the SigningAvatar® technology that [More »](#)

- [Signing Math Pictionary for K-4 Learners](#) —

**Principal Investigator:** Judy Vesel

**Funders:** [U. S. Department of Education](#)

**Website:** <http://signsci.terc.edu/>

TERC and Vcom3D are using the SigningAvatar® assistive technology to create an illustrated interactive 3D dictionary of signed mathematics terms for children in grades K-4 who are deaf or hard of hearing. They will evaluate it for usability and feasibility, and add to the Avatar lexicon of signs for [More »](#)