

## New York Hall of Science Case Study

### ABOUT

The New York Hall of Science (NYSCI) was founded at the 1964–65 World’s Fair and has evolved into New York’s center for interactive science, serving a half million students, teachers, and families each year.

NYSCI serves schools, families and underserved communities in the New York City area, offering informal, hands-on learning through various products and services that use the “design-make-play” method of bringing delight and play to educating Science, Technology, Engineering and Math (STEM). The museum is situated in a highly diverse neighborhood and employs youth from the community as part of our science career ladder program—contributing to diversity in careers in science and technology on a national scale.



Students at NYSCI are creating circuits using LEDs and the light sensor board and testing them out with alligator clips

### HOW IS TEKNIKIO INTEGRATED INTO YOUR PROGRAM?

We run circuit workshops using a variety of Teknikio materials with camps and Deren, the founder of Teknikio, has done several workshops with us. We used Teknikio components for an after school curriculum package we developed through a grant from the Institute of Museum and Library Sciences (IMLS) and the Department of Education. Through this, we worked with 6 museums and 35 school across the country to implement the curriculum throughout the summer. Lastly, we have used Teknikio for professional development workshops focused on problem solving and circuit building.

### WHAT IMPACT HAS TEKNIKIO HAD ON YOUR SPACE/COMMUNITY?

The Teknikio products really streamline the process of creating circuits. The battery packs and other circuit parts are great because you can mix and match them but it still provides an opportunity to explore a variety of possible projects. We use the products frequently and have put them in curricular products we have disseminated nationally and internationally.

### HOW WAS YOUR EXPERIENCE USING TEKNIKIO?

We really like the ease of use and suggested projects. It is great to work with a small company. They offer great support and are always up for experimenting with ideas and possibilities.