

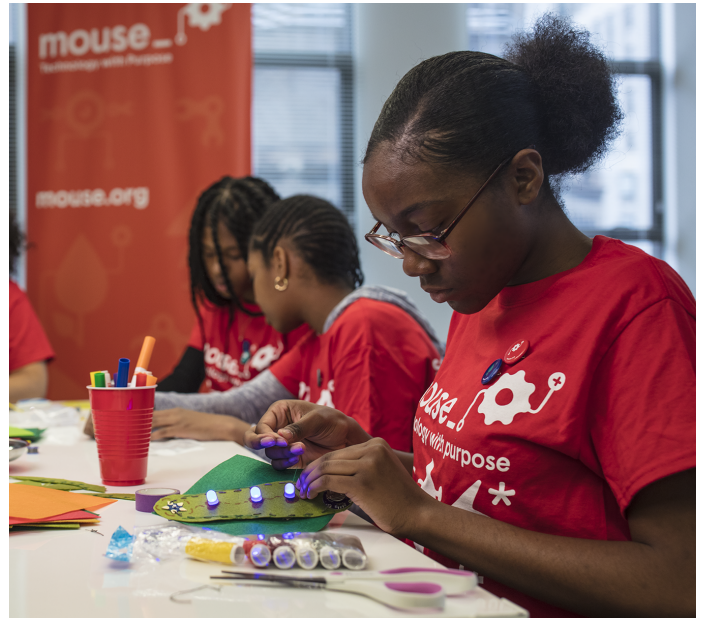
## Mouse Case Study

### ABOUT

Mouse is a national youth development nonprofit that believes in technology as a force for good.

Mouse empowers all students to create with technology to solve real problems and make meaningful change in our world. Mouse is committed to creating more diversity in STEM and opening opportunities for students from underserved communities across the country.

For more information about Mouse, please visit: [www.mouse.org](http://www.mouse.org)



Students exploring sewable circuits using Teknikio LEDs

### HOW IS TEKNIKIO INTEGRATED INTO YOUR PROGRAM?

Mouse uses curriculum developed in partnership with Teknikio to bring sewable circuitry to schools and after school programs. We also use Teknikio's sewable LEDs and battery boards in the kits we supply to schools running the sewable circuits curriculum. Sewable circuitry projects have become a regular part of our monthly maker events and are a popular event with students.

### WHAT DID YOUR STUDENTS FIND MOST INTERESTING AND ENGAGING?

The students seem excited to make circuits out of materials that seem easy to work with and not as intimidating as traditional breadboards. The students felt like they accomplished something they never thought they would do. They were especially excited to create the Sewable Superhero Cuff. They like being able to test different materials to see if they make the cuff light up.

### AS AN EDUCATOR, WHAT WAS YOUR MOST INTERESTING EXPERIENCE?

Watching young women realize that they could do engineering tasks such as making circuits but out of a needle and thread.