

## FLINT HILL SCHOOL Case Study

### ABOUT

Flint Hill School, founded in 1956, is a private, co-educational, college preparatory school, in Oakton, Virginia, serving grades JK-12.

Flint Hill's education focuses on the learner. Within a context of strong relationships, the school creates developmental experiences that embrace the best practices of traditional and contemporary education. Through continuous growth, Flint Hill actively and thoughtfully implements the ideas and resources that help each student investigate, create, and communicate collaboratively and effectively in a rapidly changing, interconnected world. Flint Hill School believes that learning is a journey and the destination is discovering who you are and what you have to offer.



A student at Flint Hill School used a Teknikio switch to create their own fidget cube.

### HOW IS TEKNIKIO INTEGRATED INTO YOUR PROGRAM?

I use Teknikio bundles in my Innovation classes as well as our clubs. Teknikio kits are a great way to get students' feet wet in making. The kits are easy to use and give the students creative confidence to develop ideas of their own. The kits themselves also appeal to the students because they remember the LEDs and sewable battery holders are in the Fabtronic Sewing Kit tacklebox.

### WHAT WAS YOUR MOST INTERESTING EXPERIENCE WITH USING TEKNIKIO?

The most interesting part of using Teknikio is when my students remember what they learned and ask to use the parts with other projects. Students reused some of the switches in other projects and incorporated the vibration motors in their robot designs. The students also used some of the switches and motors to add some fun interactive elements to board games, and one student made a fidget cube with the switches.

### WHAT DID YOU LEARN WHILE USING THE TEKNIKIO BUNDLE?

I learned the hard way that it is important to go over some safety tips with the students before beginning Sparking Sense. There always seems to be one student who wants to make something smoke or spark, but this doesn't happen when I state the safety rules clearly first.