



# Our Cutting-Edge Product: NeuroMaker Hand

## NeuroMaker Hand

Build, Code, Create & Discover with real-world technology from an award-winning company.



Now you can open a world of STEM opportunities in the classroom or remote learning settings. The NeuroMaker Hand activity set introduces students from middle and high school to advanced concepts in bio and neurosciences, programming and artificial intelligence, mechanical and electrical engineering, 3D printing and more.

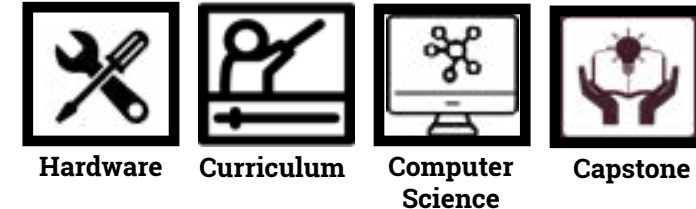
Our **curriculum delivers more than 100 hours** of engaging instructional content that aligns with selected **CSTA, NGSS, CC, ISTE and other national standards.**

**Our hardware is reusable.** Microcontrollers, servo motors, scissors, tendon wires, structural plates, a remote controller, electrical wires and more included to build right out of the box.



Our team of education professionals created a new kind of educational experience that directly ties back to a real world product. It goes way beyond simple robotic toys and delivers a truly immersive and aspirational program. This program inspires all students to enter the exciting fields that are creating the next generation of innovation.

Let the complete solution of our **Four Pillars** support your vision



**(Pillar 1) Hardware:**

[Our NeuroMaker Hand Toolkit](#)

**(Pillar 2) Unlike other STEM products, ALL of our Curriculum is included with purchase. 100+ hours of interdisciplinary content for educators to pick and choose...**

The NeuroMaker Hand curriculum is separated into seven course modules, each mirroring one focus area of the creation of the BrainRobotics prosthetic hand.

#### Available units/modules:

- [Project Guided Assembly](#)
- [Engineering Design](#)
- [Biotech and Biomedical Exploration](#)
- [Introduction to Programming](#)
- [Applied AI](#)
- [Prosthetics 3D Printing Exploration](#)
- [Student projects](#)

**(Pillars 3 and 4) Add in our included in-browser coding, PD options and Creative Challenge Capstone for a Full 4-Pillar solution. In other words, we are an affordable one-stop shop.**

Our solution comes with the ability to immediately program in your web browser (mBlock) and supports all students from block based coding to text based Python coding.

We have extensive training and professional development options for our product, and how it fits into your district's vision.

[Our NeuroMaker Creative Challenge \(Capstone\)](#) is an annual, open design competition for Middle and High School students. This competition is open to students around the world in order to investigate the connections between Biomedical Engineering, Artificial Intelligence, Programming and more.