

Microduino To Attend CES And Showcase How They Are Lowering The Barriers To STEM Education


Microduino is proud to attend CES again this year to showcase their STEM/STEAM educational products and receive their KAPi Award for Best Maker Spirit.

WESTLAKE VILLAGE, CALIFORNIA, UNITED STATES, January 2, 2019 /EINPresswire.com/ -- In the spirit of making STEM/STEAM available to all students, makers, tinkerers and educators, Microduino, a manufacturer of stackable electronic building blocks and related accessories and peripherals, will be an exhibitor at CES again this year. Visitors to their booth - #44267 at the Sands - will experience an impressive array of products they have developed and manufactured to inspire creativity, while teaching coding, logical thinking and problem solving. Come and visit them to see the following:

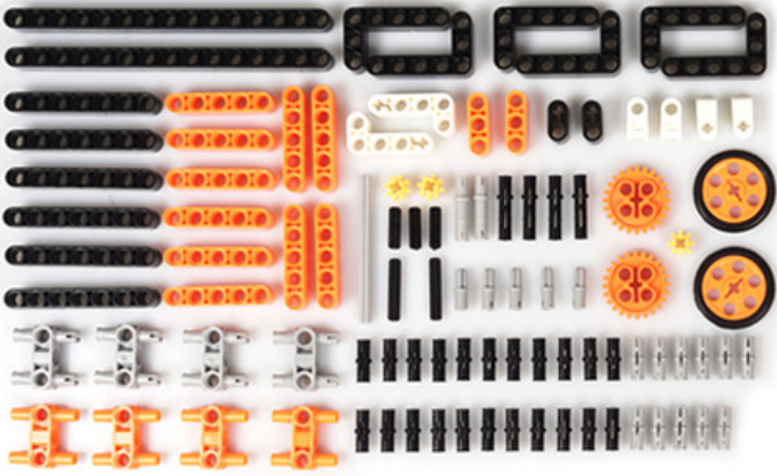
1. [Itty Bitty Buggy](#) is the [KAPi Award](#) winner this year for Best Maker Spirit. Buggy is truly a code programmable toy (CPT). It's smart, easy to use and programmable with Scratch via a PC/Mac and Chromebook. Kids come to understand the power that coding has on a physical device by modifying the programs; a great beginning STEAM toy for younger kids. Buggy is colorful, fun and can be made into a sloth, dodo bird, ladybug and alien.

2. [Itty Bitty City](#) is the sister companion to Itty Bitty Buggy and is also based on Microduino's mCookie technology. Users can build the projects provided but can also easily create and program their own projects, integrating other form factors, such as 3D, using Microduino's mounting design files.

3. Sequencing series for STEAM is appropriate for kids in elementary school through high



KAPi Award Winner - Best Maker Spirit



100 Extra Pieces to Create Even More Projects!

The image shows a collection of 100 extra pieces for the Itty Bitty Buggy kit, including various colored Technic bricks, pins, axles, gears, and wheels. The pieces are arranged in a grid-like pattern, with some larger components like gears and wheels shown separately. The text 'KAPi Award Winner - Best Maker Spirit' is prominently displayed above the pieces, and '100 Extra Pieces to Create Even More Projects!' is written below them.

school. Kids learn how to assemble basic circuitry with mPuzzle and move on to hardware coding with mPie. These programs provide colorful learning materials for teachers and students. Itty Bitty Buggy and Itty Bitty City show students where STEAM is heading via intelligent CPU-based projects.

4. MIX Kits 1, 2, 3 & 4 is how kids reinforce using logic and problem solving through the introduction of new components that expand their knowledge and skill set. With over 1,000 pages of project-based lesson plans combined, Microduino's MIX kits serve a dual purpose: great for school hackathons and IoT projects, too.

"Providing STEAM toys that are easy to build, most within 5-10 minutes, and inspiring creativity in children, is one of our main goals. We are passionate about encouraging young people to develop their problem-solving skills, tap into their ability to use logic and learn coding, all at the same time." said Bin Feng, CEO and Co-Founder of Microduino. "Visitors to our space will see and experience why hardware is part of our product line and why we use open source coding. It just makes sense. We think STEAM is all about having fun while learning the physical results of virtual thinking."

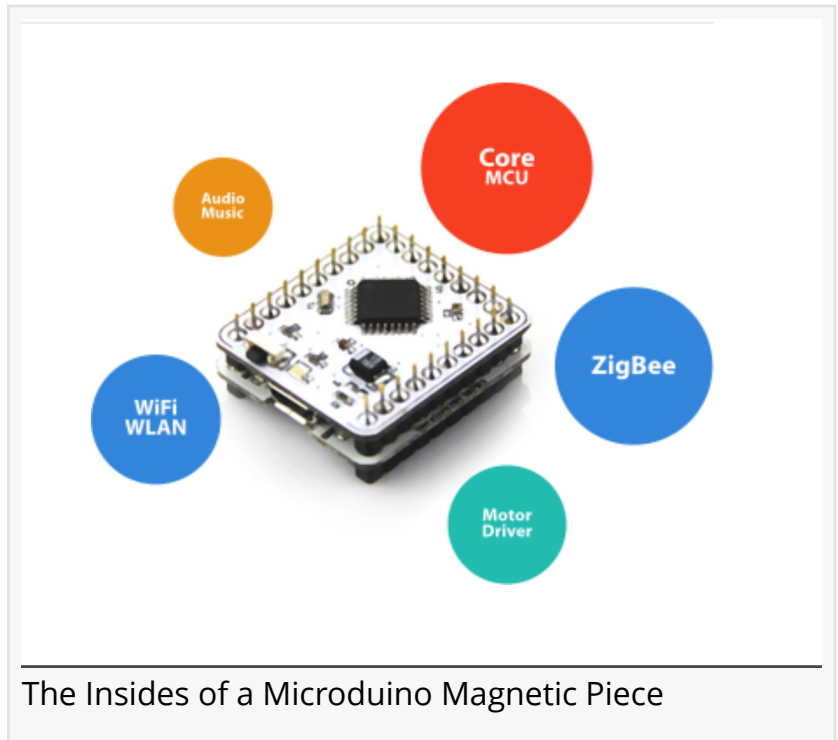
Microduino is best known for their products such as the mCookie series; a series of small, stackable, and Arduino-compatible electronic building blocks. Their collection of easy-to-use, snap-together magnetic components, without the need for messy wiring or soldering puts them on the cutting edge of STEM/STEAM technology. Their slogan, "Creativity Is Contagious" was selected because of the multiple projects that can be made with their product kits; there are no limits to one's imagination!

For more information, visit www.microduinoinc.com or stop by Microduino's booth #44267 at The Sands.

About Microduino

Founded in 2012, and based in Westlake Village, Calif., Microduino is an award-winning global designer, developer, manufacturer and seller of stackable electronic building blocks, related components, and in-class science, technology, engineering and mathematics (STEM) learning systems which encourage and enhance inventors' creativity, imagination, and ingenuity through project-based learning. With tailored STEM/STEAM offerings for individual consumers and schools, Microduino offers a broad range of modules, sensors, and project kits which improve critical thinking and problem-solving abilities, while enabling inventors to bring their inspirational and pioneering creations to life. Because of their ease of use, unique patented hardware design, and nearly unlimited applications and configurations, Microduino products have spawned a passionate and highly-innovative worldwide community of students, faculty members, makers, engineers, and electronics enthusiasts of all ages, backgrounds, and skill sets.

Laurie Hurley
Microduino, Inc.
+1 805-490-9669



The Insides of a Microduino Magnetic Piece

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