



VEX Robotics Unveils its International Modern Education Solution at CES 2018

A faster, smarter, and more powerful control system perfect for any learning environment

For over ten years, millions of schools around the world have chosen VEX Robotics as the premiere STEM education solution. This year at CES 2018 (Booth 43761, Sands Hall D) the world's leading education STEM solution is unveiling a faster, smarter, and more powerful control system designed to scale from the classroom to the competition field. The [V5 control system](#) is engineered to provide the most advanced robotics learning experience, which is complimented with customizable STEM Labs and a programming environment that grows and evolves with the student.

From the touch interface of the Robot Brain to the VEX Coding Studio programming software, V5 was designed with the key focus of "Intelligent Simplicity." This system of products embraces the model of explorative STEM learning through each unique component.

"We want kids to learn how much fun it is to solve challenging problems," commented Paul Copioli, President of VEX Robotics, Inc. "With the launch of V5, we've revolutionized the way VEX EDR robots communicate so that teachers and students can focus on solving other truly complex STEM principles that will get them both excited and prepared for their future."

Our STEM Labs were designed by a team of classroom teachers, cognitive scientists, and pedagogy experts who work closely with the world-renowned Carnegie Mellon Robotics Academy to conduct collaborative research on educational robotics and computer science. Our STEM Labs are mapped to educational standards, and designed to transform the learning experience for students and teachers with fun and engaging activities that incorporate hands-on educational robotics. STEM Labs **spark** creativity and innovation in the classroom by moving students through projects that allow them to test and apply their knowledge in multiple situations, while understanding the real-world relevance of the topics and concepts they are learning.

VEX, in partnership with Robomatter and Modkit, is developing a completely new programming environment named VEX Coding Studio. VEX Coding Studio is a simple, intuitive programming environment to teach students of all skill levels how to program and keep them programming as their skills advance. VEX Coding Studio has multiple programming languages, device updates, and diagnostic tools are built into one package. Users can start with graphical programming using Modkit Blocks, move into the transitional (blocks & text) language called Modkit Text, and then advance into text-only programming with ROBOT C++ (the next evolution of ROBOTC). VEX Coding Studio includes many features that VEX users have been requesting for years, such as auto-complete, syntax assistance, color-coding, and UI themes and will also work on multiple platforms, including Windows, Mac, Chromebook, iPad and Android tablets.

VEX is also used in the world's largest and fastest-growing educational robotics competition, providing the perfect opportunity for educators and students to apply learning in an exhilarating environment both in the classroom and beyond.

Contact marketing@vex.com for more information.

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