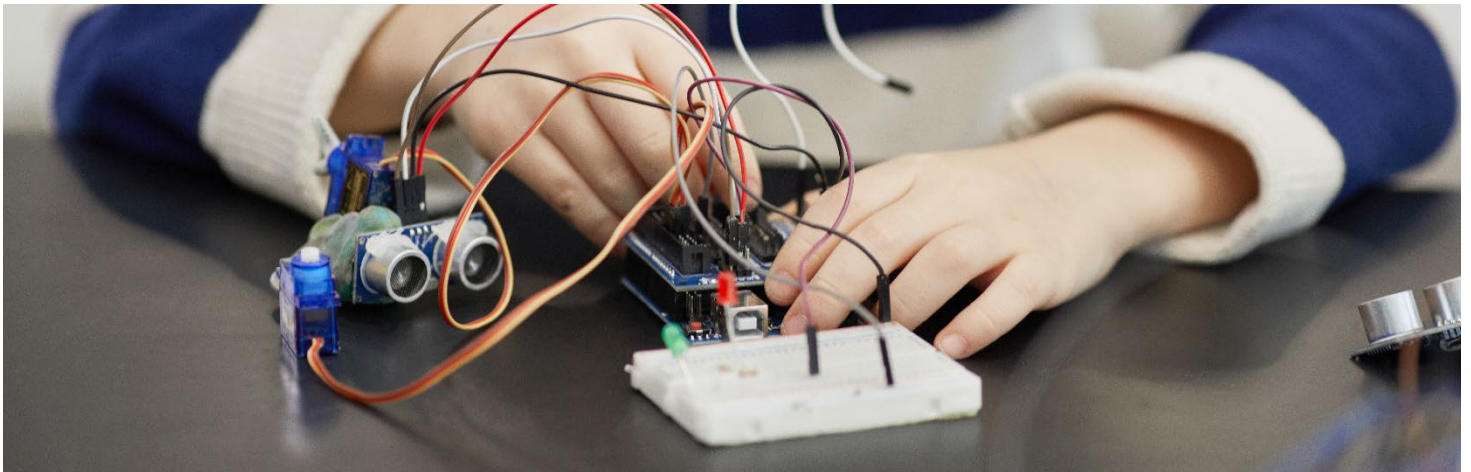


Innovation Proposal: Robotics VEX Go

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Proposed Innovation

Students will use VEX Robotics to learn coding and building a robot that moves based on code the students create. Each student receives a VEX Robotics kit, shipped to them, that they get to keep. Students have the option to attend and compete in in-person VEX Robotics events. Each kit includes color coded parts for easy identification and storage.

Purpose and Potential

VEX Robotics is not just building robots. Students learn basic coding, which builds skills in sequential thinking and logic, and provides a foundation for later coding for more complicated projects. Students learn to creatively problem solve using real-world application of their coding skills along with collaboration, teamwork, and leadership.

Courses Include

Meetings for 1 hour per week, with teachers available for 1-on-1 support outside of club meetings.

Student Outcomes

will be measured through the creation of personalized videos of their robot moving based on the coding using FlipGrid, a program that works with school-provided Chromebooks.

Funding

Grant funding will be used for the purchase and operation of VEX Robotics kits.

Under House Bill 386, Local Education Agencies can approve up to \$5,000 in grant funding for innovation programs. The innovation outlined here is one example that has been approved for implementation. Learn more at schools.utah.gov/ulead