

Nevada STEM Advisory Council List of Recommended STEM Programs

NAME: REC Foundation VEX Robotics Competition

- **A brief description or overview of the program, such as your mission, philosophy, type of program, learning outcomes, etc. (125 words or less).**

The VEX Robotics Competition, presented by the Robotics Education & Competition Foundation, is the largest and fastest growing middle school and high school robotics program globally with more than 20,000 teams from 50 countries playing in over 1,700 competitions worldwide. Each year, an exciting engineering challenge is presented in the form of a game. Students, with guidance from their teachers and mentors, build innovative robots using the VEX V5 system and compete during the fall, winter and spring, with the season culminating in the VEX Robotics World Championship.

- **The target grades of the program.**

Middle and high school students

- **A single sentence outlining the unique or specific focus of your program.**

An exciting robotics engineering challenge presented in the form of a game, where students build innovative robots to compete with peers.

- **A single sentence describing the program's impact on students.**

Classroom STEM concepts are put to the test as participants learn lifelong skills in teamwork, leadership, communications, and more.

- **A list of the specific skills students could expect to learn from your program.**

Engineering, teamwork, problem solving, communication, leadership

- **A brief (50 words or less) description of resources that are provided to educators.**

Team support staff, event support staff, libraries of free curriculum, professional development, community, possible grant funding

- **The link to your website for more information about your program.**

<https://vrc-kb.recf.org/hc/en-us>

- **Contact information (name, email, phone)**

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