



**Hawaiian  
Electric**



## NEWS RELEASE

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### **Results of Hawaiian Electric's 2020 State Middle School VEX IQ Championships hosted on Maui**

*Qualified robotics teams advance to 2020 VEX IQ Worlds in Kentucky*

**KAHULUI, March 12, 2020** – Eight teams earned top spots at the 2020 Hawaiian Electric Hawai'i State Middle School VEX IQ Championships hosted at Kamehameha Schools' Maui Campus on Feb. 29. Based on the award categories and overlapping qualifiers, a total of 11 Hawaii middle school robotics teams have been invited to participate in the 2020 VEX IQ World Championships in Louisville, Ky., April 26-28. The top awards were:

The Excellence Award, the highest award of the competition, was awarded to Lancer Robotics 2437A of Sacred Hearts Academy. The award recognizes the top all-around team that demonstrates overall excellence in all components of the VEX IQ Challenge.

The Teamwork Champions was won by the two-team alliance of Saint Louis Schools' Crusaders 4270C and 4270A, based on their robot performance in the finals match alliance.

The Teamwork 2<sup>nd</sup> Place Award was won by the two-team alliance of Mililani Masters 11173A, Cornerstone Engineering Robotics and Architech 96768A of Kamehameha Schools Maui.

The Robot Skills Champion, a robot performance award for the team with the highest combined top programming and top driving skills challenge score, was won by Maui Waena Robotics 10698A of Maui Waena Intermediate School.

The Design Award, for the team with the most effective and efficient robot design process, went to the Hawaii Island-based Mechaneers 2718A, Hawaii Science & Technology Museum.

The STEM Research Project Award, presented to the team that shares the most effective STEM Research Project video presentation, was won by Saint Louis Schools' Crusaders 4270B. Their 4-minute video shared the scientific research undertaken to reduce trash in their school with the aid of their robot. The video was judged on how the team used the scientific method to collect data.

As a result of The Crusaders' overlapping wins at the Mark Leon Invitational and Pan Pacific VEX IQ Championships, three teams earned a spot at the 2020 VEX IQ Worlds through their skills scores ranking: Waiialua High & Intermediate's Hawaiian Kids 359A and 359C, and Mid-Pacific Institute's Owl Robotics 2932B.

**(more)**

A total of 39 Hawaii VEX IQ teams from Hawaii Island, Maui, Molokai, and Oahu participated in the state middle school robotics championships, which has been sponsored by Hawaiian Electric since 2013. All VEX programs including elementary, middle school, and high school represent 367 teams statewide.

The 2020 VEX IQ Challenge, called Squared Away, is played on a 4' x 8' rectangular field. The object of the game is to attain as many points possible by scoring balls in or on cubes, and scoring cubes into corner goals or platforms. Two robots compete in the Teamwork Challenge as an alliance in 60-second matches, working collaboratively to score points. Teams also compete in the Robot Skills Challenge where one robot takes the field to score as many points as possible. The matches involve driving skills, which is entirely driver controlled, and programming skills, which is autonomous with limited human interaction.

For a full list of the middle school team awards, visit: <https://www.robotevents.com/robot-competitions/vex-iq-challenge/RE-VIQC-19-8617.html> and click on Awards.

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