

Group 12: Introduction of Our School

School name: Waialua High & Intermediate School – Waialua Robotics STEM Learning Center

School address: 67-160 Farrington Hwy. Waialua, Hawaii 96791

School URL: www.waialuarobotics.com, http://www.edline.net/pages/Waialua_High,

PR message: Aloha Everyone! Waialua No Ka Oi! “Every student at our school will succeed in meeting the challenges of a global society”

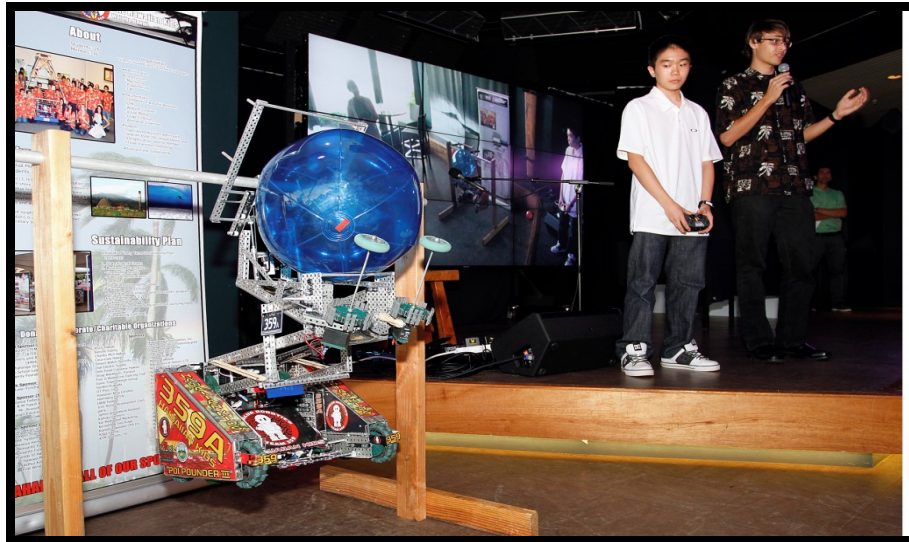
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The Waialua Robotics STEM Learning Center is a program for students who have an interest in STEM education where Project-Based Learning is the setting for student learning. We offer Programs of Studies in the areas of Engineering, Graphic Technology, and Digital Media. The Robotics Team #359-The Hawaiian Kids is a competition team supported by our Center. We are located in an economically disadvantaged rural area on the North Shore of Oahu, famous for its large winter swells and surfing culture. Robotics has been an integral part of our school for over 16 years. During that time, we have won numerous accolades locally, nationally and internationally, including FIRST FRC's prestigious Championship Chairman's Award in 2011.



We have been to many parts of the United States in addition to Australia, China and Japan. Our school has about 680 students enrolled in grades 7-12. All incoming students participate in an introductory robotics curriculum where they learn about the engineering design process as they build small robots and beginning programming. Students may then choose to join the competition team, Team #359. These students take elective classes in engineering, electronics, CAD design, building and construction,

graphic arts and digital media. They work after school and on weekends year round to prepare for competitions and outreach events.



Team #359 also participates in community service projects and outreach events throughout the island of Oahu and in our school community. Robotics has given many of our students opportunities to experience the world beyond our community and given them lifelong skills for future career successes. Many of our graduates return to mentor younger team members through peer mentorship and guide them in their post-high school plans. More than just a motto, Team 359 embodies Teamwork, Commitment and Responsibility.

