

Curriculum Spotlight

Mineola High School Robotics Program

Mineola High School initially had 16 students sign up for the robotics competitions this year. They had 3 more students come into the program after the initial sign up. The robotics “club” as they call it is an introduction to designing and programming robots using the LEGO Mindstorms NXT Robotics Invention System. Students have learned mechanical design, construction, programming and teamwork skills. In teams of four, using LEGO blocks, motors and sensors, students build robots that can walk, roll, draw, move objects, or find their own way and avoid obstacles. Students use a control console or computer to teach their robots to move, react, and make sounds in order to solve challenges. This “club” is a good preparation for students interested in robotics competitions such as the Region VII competitions held in November and April and the TCEA regional competition held in December.

Mitchell Assaf (12th) - PRESENTER

Cesay Chavez (11th)

Gregory Duncan (9th)

Tino Elias (11th)

Dillon Godwin (9th)

Garrett Griffith (12th) - PRESENTER

Jonah Hagan (11th)

Kayley Lantrip (11th)

Russell Lyke (11th)

Kevin McKenzie (11th)

Jesus Mendez (11th)

Jorge Miranda (11th)

Austin Musser (12th) - PRESENTER

Michael Nugent (12th)

Patrick Prince (11th)

Ian Riley (12th)

Carmen Suarez (11th)

Daniel Vanderwater (11th)

Kaylee Willingham (11th)

Joyce Williams - Sponsor and Teacher