

IMPI Robotics

FLL Teams

FIRST as a program is split up into four different leagues, Jr. FLL, FLL, FTC and FRC. These different leagues are designed so kids of all ages can learn and participate in STEM. As part of the mission of IMPI robotics, to eliminate technological illiteracy, we have started four FLL teams in Ferndale Upper Elementary. FLL, or FIRST Lego League, helps show kids the world of STEM, and helps get them interested in engineering and STEM through designing, teamwork, building, and competitions.

Coding in Our Schools

The last few years in the Ferndale School District have brought an emphasis on STEM and its related activities. Due to this, we have added multiple coding classes in our middle school and are scheduled to help with a coding class for the kindergarteners. In an economy dominated by computers, it is important for students to know how to use them, and that is what the classes are intended to do.

Senior Profile

For this newsletter, we have chosen Dyani Armijo-Sinett as our senior! She is our new Safety Captain, and is very excited for her third, and last year of FIRST robotics. She wanted to join the team since seventh grade, due to her friend's recommendation, but could not because of the grade requirements. She joined the team her tenth grade year. She enjoys the team's fun atmosphere, the community found in the team, a chance to volunteer in the community, and the friends and memories she made in her time here. Although she is not going into a STEM related field, she is glad for the team teaching her to work hard and have fun along the way!

Bi-Weekly Update

A lot has happened in the past two weeks! Our CAD (computer aided design) team has finished designing the main frame of the robot, and our build team has been busy creating the robot. The Chairman's Team has almost finished the essay describing how we have worked to eliminate technological illiteracy. Our programming team has finished programming the practice bots and are now working on the vision that our robot uses in the game to aim the high goals. We have three weeks left in build season, and we are getting ready for another great year!

Competition Dates:

March 3rd and 4th at Southfield High School.

March 17th and 18th at Gaylord High School.