

Homecoming Parade

Inside This Issue:

Homecoming
967 Iron Lions
4150 Dark Matter
Senior Spotlight
New Member Spotlight
Sponsor Spotlight



On Wednesday, September 23, we participated in the Linn-Mar Homecoming Parade. Every year, students from both the FRC and FTC teams make various decorations for the parade float. This year, proactive members volunteered to make gears, a poster, and fix up a couple of robots. The gears and other adornments were red and black with a red glitter border. The robots were a little harder to set up, so older members took the opportunity to fix them in time for the parade. In the end we had around a dozen members, a great showcase of this year's high involvement. Although an optional activity, returning and new members demonstrated their commitment to the team.

Not only did team members benefit from the parade, but the community too. Many children who took part in watching the parade gained newfound interest in robotics, highlighting it as a profound community impact.

Contact Info / Interesting Websites

Dan Niemitalo
Head Coach

Contact the Organization
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Linn-Mar Robotics Website
lmrobotics.org

Linn-Mar District Website
<https://www.linnmar.k12.ia.us/>

FIRST Website
<https://firstinspires.org/>



967 Iron Lions

LMR Mission

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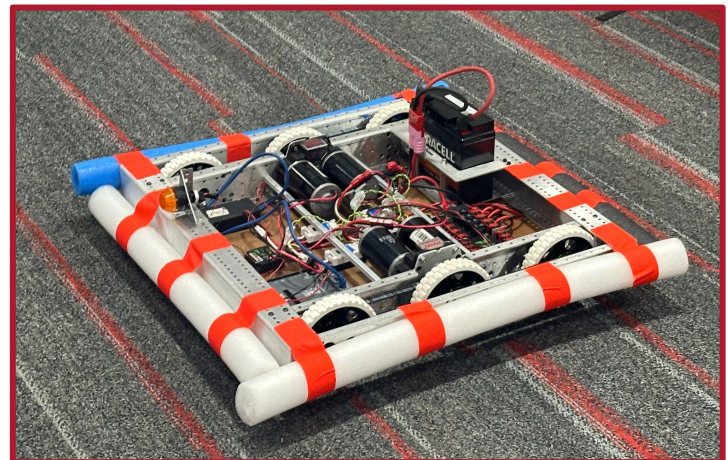
BAE SYSTEMS



The First Robotics Competition team kicked off our robotics season with a variety of activities. As an opportunity to teach robotics, new members of the FRC team got to learn how to build a kit bot. A kit bot is a complete kit with all of the components required to build a basic, competition-ready robot. Building 2 kit bots was a fun way for the newer members to work with their returning teammates, find their way around the shop, and learn how to use all the different tools.

In addition to building kit bots, new and returning students prepared “Snowblower,” our REBUILT 2026 robot for Clash in the Corn. Clash in the Corn is Iowa's FRC off-season event, hosted in Des Moines on October 2nd and 3rd by Team 6419 Kernel Chaos. As a part of checking and refurbishing Snowblower, new students got a chance to learn and practice their wiring, CAD, and 3d printing skills

In the middle of all of this, mentors and veteran Drive Team members taught robot driving lessons to both new and returning members. Members learned how to control Snowblower as well as how to use assisted shooting and fully-autonomous drive modes. Returning members also took the opportunity to teach driving tactics, as well as share in the pain of attempting to drive the kit bots, which none of the team members had ever driven before.



One of the kit bots used for driving practice.



967 Iron Lions (Continued)

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Linn-Mar Booster Club



4150 Dark Matter

Dark Matter began its fall off-season by first preparing by studying and observing this year's season gameplay, rules, and objectives. Accompanying that was the development of the outreach branch's plan for the preceding months and the overall strategy of their work. They have been experimenting with the idea to prioritize school and community efforts, combined with social media spreading skills and standards for teamwork and/or engineering. In the meantime, Dark Matter has been trying to bring the group together and work on skillbuilding for all members, new and returning. They have been working on the utilization of what they call "prototyping pins", that help new members learn how to construct new objects and systems effectively. New members also have been practicing how to properly use equipment safely so that they can learn helpful life skills for outside and inside LM robotics, while being safe and healthy as well. Additionally many of our returning First Tech Challenge students from last year have all been contributing to the effort of training and assisting the newcomers. Already in the short amount of time we've had, many of our new members coming in have learnt valuable skills already, to list a few; coding, design, hands on building, teamwork, and much more.

New Member Spotlight

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Ariv Mukati

Ariv Mukati is a new member of Linn-Mar Robotics FRC team 967. As a freshman, *FIRST* has been an impactful start to his high-school career. He participated in the starting competition of the offseason: Clash in the Corn. He was involved in the scouting, being a positive and exciting member for his first competition.

He is invested in 3D printing and has taken several initiatives to sell printed toys and educate the community about personal manufacturing.

Outside of LMR, he is also invested in violin. He went to the metro orchestras for Metropolitan, Kennedy, NEISTA, ISTA, Junior All-State, and is currently going to the District audition for the All-State process.

Ariv's main interest is with science. He is a Nationalist for International Academic Competitions: Science Bee, and is participating in Science Olympiad for the first time.

Ariv hopes to be an impactful member of Linn-Mar Robotics!

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Senior Spotlight

Dylan Kramer

Dylan's journey started in 2022 when he did the Linn-Mar Robotics summer camp and joined the FRC Robotics team in the 2024 season once school started.

Dylan Kramer is a hardworking student involved in many different extracurriculars like show crew, show band, and Robotics. He also plays the drums and plans to do electrical engineering at Iowa State. He has made a big impact on the robotics team by helping new members build kit bots, learn to drive, and teach them about wiring the robot. He is known as the "wiring guy" of the team.

Here's what our head coach Nemo has to say about Dylan. "He's helped with the summer camps, he is a very important pit crew member, and he is organized and always knows what he should be doing."



Sponsor Spotlight



Iowa Solutions

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