

Denfeld DNA FIRST Robotics

Team 4009

Organization Information

Denfeld Nation Automation (DNA) Robotics is a varsity level *FIRST* Robotics Competition (FRC) team. Its mission is to provide life-changing experiences for students and fundamentally change the culture of the community by proving that innovative, creative engineering solutions can be as fun and rewarding as traditional sporting activities.

DNA Robotics supports the mission of FIRST. DNA is a year-round student-led organization supported by adult mentors. The team aspires to:

- Educate and inspire students in the fields of Science, Technology, Engineering, and Mathematics (STEM)
- Strengthen students' communication, confidence, and leadership skills by incorporating business and project management principles
- Stimulate problem solving and imagination through innovation and invention.

Mission & Goals



Build sub-teams include CAD, Electrical, Programming, Manufacturing, and Field Build. DNA Robotics teaches STEM principles in a constructive and exciting environment. Students design, prototype, and build a robot with a variety of materials while learning life skills for the future.

Build Sub-Team

Business sub-teams include Marketing, Media and Web Design. DNA raises 100% of the funds it needs each year enabling students to gain valuable business experience. This includes writing grants, presenting to businesses, writing press releases, and developing marketing strategies.

Business Sub-Team



DNA4009@gmail.com

DenfeldRobotics4009.org



Team History & Accomplishments

2025

In 2025, DNA attended four competitions. At the Northern Lights Regional in Duluth, MN, we were the first pick of Alliance five. At the Seven Rivers Regional in La Crosse, WI, we were the Regional Finalists, ranked 2nd out of 51 teams and captained Alliance two, making it all the way to the finals! We also won the Autonomous Award, which celebrated our robot's performance during autonomous functions. This performance allowed us to qualify for the Minnesota State High School Championship Tournament in St. Paul, MN and the World Championship in Houston, TX. This season marked a period of great progress as this is the most successful season in team history since 2016.

2024

In 2024, DNA attended two competitions. At the Lake Superior Regional in Duluth, MN, we won the **Innovation in Control Award**, which celebrates a team that uses a unique and innovative control system on their robot. At the Colorado Regional in Denver, CO, we finished in 3rd place, and our alliance was the only one to beat the winning alliance.

2023

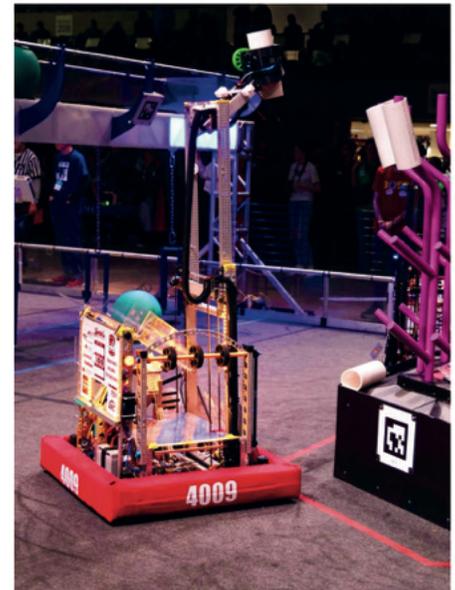
In 2023, DNA attended three competitions. We won the **Autonomous Award** at the Lake Superior Regional in Duluth, MN which celebrated our robot's performance during autonomous functions. At the Minnesota North Star Regional in La Crosse, WI, we won the Engineering Inspiration Award for promoting respect, engineering, and dedication in our community. This allowed us to qualify for the World Championship in Houston, TX! Competing at the World Championship provided us with many opportunities to learn and grow from some of the best teams in the world.



Team History & Accomplishments

Past Accomplishments

- 2022
 - Won the Judges Award at Lake Superior Regional
 - Won the Quality Award at Seven Rivers Regional
 - Qualified for MSHSL Championship
- 2021
 - Qualified for MSHSL Virtual State Robotics Championship
 - Team Captain won the Dean's List award at the Midwest Award Show
- 2020
 - Won the Engineering Inspiration Award at the Lake Superior Regional
 - Qualified for FIRST World Championship
- 2019
 - Won the Gracious Professionalism Award at the Lake Superior Regional
 - Won the Industrial Design Award at the Great Northern Regional
 - Finished 2nd Place in the MSHSL State Robotics Championship
- 2018
 - Won the Pit Safety Award at the Lake Superior Regional
 - Team Captain won the Dean's List Award at the Great Northern Regional
- 2017
 - Won the Drive Train Award for innovative design at the ICC week zero event
 - One of our mentors won the Volunteer of the Year Award at the Lake Superior Regional
 - Won the Creativity Award (for our innovative drive system) at the Lake Superior Regional
 - Won the Entrepreneurship Award at the Iowa Regional
- 2016
 - First Place at the Lake Superior Regional with an undefeated record
 - Won the Engineering Inspiration Award (one of the most prestigious awards in FIRST)
 - Semi-finalist in the Galileo Division at the FIRST World Championship
 - Finalist at the MSHSL State Robotics Championship
 - Won the Dunwoody Outstanding Engineering and Design award at the MSHSL Championship
- 2015
 - Won the Innovation in Control Award at the Lake Superior Regional
 - Qualified for MSHSL Championship
 - Won the Outstanding Engineering and Design Award at the MSHSL Championship
- 2014
 - Qualified for the Minnesota State High School League (MSHSL) State Robotics Championship
- 2012
 - Team founded



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Outreach

Our impact extends far beyond the competition season. We volunteer at numerous events during the offseason all throughout the northland. We are committed to strengthening connections in the community and growing interest in STEM fields for people of all ages. Along with offseason events, a few of our students also mentor a local FLL team, helping them get ready for their competition season.



**Students attending STEM day at the
Minnesota State Capitol**



**DNA helping a local Girl Scout troop earn
their robotics badges**



DNA volunteering at the Duluth Air Show

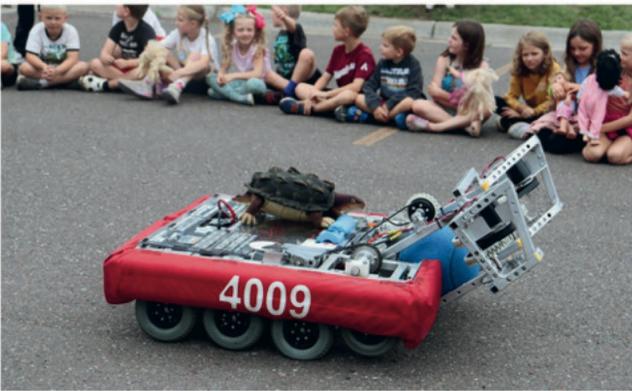




DNA volunteering at STEAM day at the Duluth Depot



Students building the ARC field with the help of Esko Robotics



DNA teaching kids about STEM at North Star



DNA volunteering at an FLL scrimmage



DNA volunteering at Morgan Park National Night Out



Students demonstrating robots at the Unity in the Community event



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YES, I would like to help!							
	Titanium	Diamond	Platinum	Gold	Silver	Bronze	Copper
Investor:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Supporter:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	\$7,500	\$5,000	\$2,500	\$1,000	\$500	\$250	< \$250
Social Shoutouts	Post, Story, and Profile at competitions	Post, Story, and Profile at competitions	Post and Highlight	Post and Highlight	Highlight	End of year shoutout	End of year shoutout
Website	Huge Logo	LG Logo	MED Logo	SM Logo	Company Name	Company Name	
Pit Banner	LG Logo	LG Logo	MED Logo	SM Logo	Company Name		
Team Uniform	LG Logo	MED Logo	SM Logo	Name			
Email Signature	Logo	Logo	Logo (Investor) Name (Supporter)	Name (Investor)			
Robot	LG Logo	LG Logo (Investor) MED Logo (Supporter)	MED Logo (Investor) SM Logo (Supporter)	SM Logo (Investor) Name (Supporter)			
Trailer	LG Logo (Investor)	MED Logo (Investor)	SM Logo (Investor)				

Name: _____

Date: _____

Company: _____

Phone: _____

E-mail: _____

Denfeld Robotics
PO Box 7367
Duluth, MN 55807

Please send logo to: DNA4009@gmail.com

*Sponsorships include monetary donations, supplies, parts, time, and professional support

*To guarantee all benefits of sponsorship for the current season, donation and logo must be received by January 31st

Supporters make a one-year commitment, Investors make a three-year commitment



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