



March 8th, 2025

Denfeld Nation Automation (DNA) Week Two Competition Update

Greetings,

DNA geared up for its upcoming second competition by scouting the teams that will be attending and practicing on the Arrowhead Robotics Coalition (ARC) field, which was set up at Marshall over the weekend. The team will compete with 50 others in La Crosse to qualify for the FIRST World Championship.

The students that stayed at Denfeld focused on watching the teams that had already competed, taking notes about the matches, and scouting the upcoming competitors! They used a website called “The Blue Alliance” which compiled the matches from each competition, allowing anyone to watch past matches of any team. DNA must get accurate and high-quality data about the other teams competing. It can make a huge difference in competition!

At Marshall, the programmers worked on April Tag Odometry, which uses April Tags to automatically align the robot to scoring locations. April Tags are 2d codes, used for cameras to detect orientation and position. With the April Tags refined they are able to use a program called Path Planner to code autonomous routines and visualize the robot's expected movement.

To keep up with our progress, make sure to check out our social media sites! Our second regional will be held in La Crosse, Wisconsin, from March 20 to March 22. If you would like a final look at DNA before their competition the ARC Field will be at Denfeld on Saturday, March 15th!

Facebook- [Denfeld Nation Automation 4009](#)

Website- denfeldrobotics4009.org

Instagram- [@dna4009](#)

Give MN- [Give.mn/vb9clf](https://www.give.mn/vb9clf)

Thank you for your support this year!

ROBOTICS IS IN OUR BLOOD

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