



Tri-Nitro Times

Week Four
Issue 20124

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Week 4

It's now week four of build season. Everything seems to be coming together more and more. We now have only 2 weeks left. The build team has been hard at work buzzing around trying to get everything done. In the beginning of the week, the drive train chains popped so new brackets were made to reinforce it. Recently, the robot was tested. We had a problem with one of the wheels; it was not stable and was not touching the ground. That problem was fixed immediately though. The shooter design for the robot has been completed, it now just needs to be mounted. The build team is working mainly on the ball pick up now. The members working on the website have been trying hard to get a twitter feed onto the team website. They have been having some trouble, but have not given up. A QR code was made that will take you straight to the TnT 280 website. The team bios had a few errors, but are now all fixed. The game section of the website has been updated. The chosen people working on the Chairman's Award paper are still in the editing process, as they want it to be perfect. We are making progress this week and hope to continue with this good pace throughout the rest of build season.

Quote From the Week

- "Make it pie!"

Solve the Equation

- $9x - 7i > 3(3x - 7u)$

(Answer on back)

The Creation of TnT

Nicole Milkovic is the founder of TnT. She was originally from Cass Tech High School in Detroit, but then transferred to Harry S. Truman High School in 1998. She was upset that the school did not have a F.I.R.S.T. Robotics team, so she researched information on it and presented the idea to the Taylor School Board. That was when 2,4,6-trinitrotoluene was born. Jim Vandette, Ken Hastings, and Jim Mulcahy were the first mentors of TnT. Mr. Vandette and Mr. Hastings were chemistry teachers, Mr. Mulcahy was a machining teacher. Most of the first Robotics team members came from Mr. Vandette's chemistry class. Eventually the name of the team was changed to TnT 280, as 2,4,6-trinitrotoluene was too hard to pronounce. As time moved forward, TnT blossomed as a team and the mentors Hastings and Mulcahy are still around.

Meeting The Team: Freshmen

We interviewed the team freshmen. The questions asked goes as follows: 1. How do you like Robotics so far? 2. What is your favorite food? 3. What do you plan on going to college for? 4. Who is your biggest inspiration? 5. What is your subgroup? 6. Why did you join Robotics?

Loralyn Peeler	Adam Vick	Patrick Wetzel	Daniel Alchin	Tyler Drapczyk	Christian Hutter
1. "I love it so much, I get to take pictures all the time."	1. "Uh it's fun."	1. "It's fun."	1. "I think it's fun and educational."	1. "Alright, good."	1. "Pretty good."
2. "The souls of children."	2. "Pizza."	2. "Fettuccini Alfredo."	2. "King crab legs with butter."	2. "Oranges."	2. "I don't know."
3. "Literature."	3. "Mechanical Engineering."	3. "Engineering."	3. "Mechanical Engineering."	3. "Automotive Engineering."	3. "Gaming Design."
4. "All the stupid people in the world; they inspire me to be better than them."	4. "Einstein."	4. "My Father."	4. "Steve Irwin."	4. "I don't really have one."	4. "I have no idea."
5. "Photography."	5. "Programming."	5. "Ball Pick-up Design Team."	5. "Drive Train."	5. "I don't have one, yet."	5. "Build team."
6. "Because I heard it from Haley and it sounded cool."	6. "I've always been interested in robots and stuff and it sounded fun."	6. "I wanted to have experience with some sort of engineering."	6. "I thought it'd be good for my transcript/resume and there's a lot of good people on the team that I wouldn't have met."	6. "Danny told me about it."	6. "Because I heard it was a fun program."

Quote of the Week

- With the new day comes new strength and new thoughts.
-Eleanor Roosevelt

Answer :

$9x-7i > 3(3x-7u)$
 $9x-7i > 9x-21u$
 $-7i > -21u$
 $i < 3u$

Build Team Updates

A lot has been going on this week. The build team has split into multiple groups, with one half of the builders working on the frame and the other on the shooter.

The frame is close to being finished and has even been test-driven a few times. The shooter isn't far behind with its framework and most of its coding done.

The third group of people worked together to sketch, measure, and build a replica of the hoops from the game. It was finished in just a couple of hours and held up very well when shot at with the shooter.

Special thanks to our sponsors:

Q: Hey Sparky. I could really use your help, I've been trying to solve this myself, but I think I need some assistance. What are the variables z, y, and x in:
 $(3x+8y-12.3z)/2*3x+18y=-121z*(3+100.4-18z)$
 A: Ask Hj.

Ask Sparky

Got any questions? Need any advice? Submit them to our box in the Robotics room and your question could be answered on our next article!

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