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*Happy Holidays  
to all*

*And see you in the New Year*

## *Upcoming Events*

- Winter Break*  
*Dec. 17 - Jan. 10*
- Hacktastic at Will's house*  
*Dates posted on facebook*
- FRC Kick Off*  
*Jan. 7*
- FRC Ventura Regional*  
*Mar. 16 - 18*

*By: Juyeong Lee*

## ARTICULATION NIGHT

On November 1st and 2nd, Granada Hills Charter High School held Articulation Night to inform incoming Freshmen about Granada. The general information meeting was held first, and meanwhile, extracurricular teams were given time to set up individual booths. Of course, The Robodox attended Articulation Night as well to inform incoming Freshmen about awesome opportunity to learn about The Robodox. Current Dox members came out to set up the booth and to talk with incoming Freshmen, supervised by Mr. Fishbach.

The Robodox got immense amount of interest, and there were endless amount of people curious about what Robotics was about, and what exactly our team did. Whether they had previous exposure to Robotics or not, students who came by had passion for Robotics, and Dox did their best to satisfy their passion. With hours spent with incoming freshmen, we cannot wait to see next year's amazing candidates for the Robotics Team!

*At its heart, engineering is about using science to find creative, practical solutions. It is a noble profession.*

*- Queen Elizabeth II*

# FINALS DAY

By: Nathan  
Sevilla

It was Thursday evening, K2 was loud and the Dox were full of joy. This was no ordinary day, today was the secret Santa gift exchange. After the Dox were done with their lovely final and named the new robot they decided to huddle together and begin the exchange. One person volunteered to go first then handed someone their gift and that recipient had to hand out their gift. For some reason everyone started tricking people into thinking they were going to hand them a gift and then handed it to another unsuspecting student. This went on for a while and eventually everyone was happy opening their gifts. After this, Andrew began teaching the shop rookies how to use the new lathe and then we all took a picture with it. The bell rang and all the Dox left in peace.



*Jade giving a gift to an unsuspecting photographer*

*Photo credit: Nathan Sevilla*

# I.M.S. FIELD TRIP

By:  
Carleton  
Zhao



*Anthony, Jenna, and Harrison holding 599*

*Left: Anthony, Middle: Jenna, Right: Harrison*

THUD! A large machine punched holes into thick sheets of metal as Robodex members walked by. For many members, it was their first time visiting Industrial Metal Supply or IMS. They started their trip inside the offices and learned about the history of IMS along with how the company functions. As they exited the offices the Robodex stepped into a large store. They saw metal products all around them form small circular targets to heavy square slabs and even numbers such as 5, 9 and yet another 9. The tour guide led them out back into the warehouse where they first heard the large machines hard at work and then saw the machines cutting metal to any shape or size imaginable. The robodex saw towers of metal stacked upon each other from floor to ceiling, forklifts moving metal from one place to another, waterjets, and laser cutters. At the end the team came back into the offices where they enjoyed a nice lunch of pizza and soda. The team really enjoyed their tour of IMS.



# RUMBLE IN THE JUNGLE

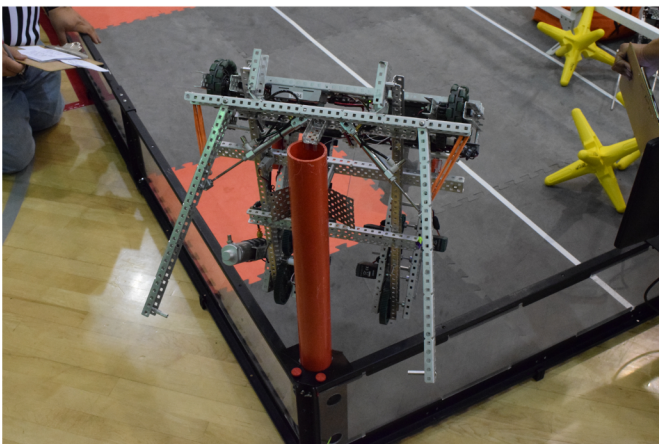
*By: Carleton Zhao*

After a long Friday night of set up the robodox team was ready to host their annual VEX robotics competition. But first a long night of rest to recharge for what awaited them the next day. Everyone arrived at 6:30 AM to help with some final preparations. The some members on the team made sure that the computers were all set up and ready to display match information. Other members ran around making sure everyone knew their duties during competition. The Robodox's VEX teams 599 A and 599 B were already on the practice field getting in some practice, doing last minute changes to their autonomous, as well as modifying their robot.

As 8 AM came around the corner many teams had already arrived and checked in. Teams continued to unpack while their family and friends went to find seats in the stands to watch. The competition started at 8:30 AM and went really smoothly. There were photographers and scouters from different teams taking photos and gathering information from different robots. No doubt this information gotten by the scouters would be used to choose alliances during finals, but that was still a long ways away. On the other hand, many Robodox team members were helping out with the competition. They reminded teams about their upcoming matches and reset fields after each match. Other members as well as alumni ran the skill challenge field where teams could see how much points they could score in one minute by just using an autonomous program or their driving skills.

Since the competition was ahead of schedule, everyone was able to break for an early lunch. After lunch where were still several qualification matches to finish up. The 599 B came out at 18 place which was good enough for them to get picked for an alliance. This was unfortunately not the same for 599 A. Although they gave a valiant effort, the competition was over for 599 A. 599 B and their alliance partners 1034 A and 6526 E went on to win their quarter-final matches but were overpowered in their semi-final matches.

The competition came to a close and each Robodox member did their fair share of cleaning up. As everyone went home after a long day of hard work, they looked forward to their next VEX Robotics Competition.



*Above: Robots love hanging out at Granada's annual Rumble in the Jungle*

*Below: Shruti and the 599B robot*

