



STUY PULSE



**REBUILT WEEK 5
NEWSLETTER**
[02.07.26 - 02.14.26]

StuyPulse
345 Chambers Street, New York, NY 10282



Mechanical Engineering

This week, the mechanical engineering department made significant process. The construction of the alpha bot is mostly complete, and we will begin testing of its mechanics such as the shooter. The design of the hopper was further improved and simplified. They attached their fasteners, while other aspects such as the shooters remained the same. For climb, engineering was able to settle on final design. Lastly, they finished building the drive train.



Software Engineering

Software Engineering worked on polishing the final robot code and tested the climber and hopper. On the Alphabot, we tested it to make sure it worked, in order to add more functions to it. We worked on Tribecbot and added a test sequence for the intake, spindexer, and feeder for each code branch. Also, we finished making the shooter and feeder commands.



StuyPlus 516

This week, our team has begun the process of planning the design and code of our sister robot, StuyPlus 516. We released a google form to gauge interest among rookies who wish to participate in working on this robot and start making mechanism groups.



Business

This week, the Business team continued to organize the closet as well as upload StuySplash videos onto Youtube. Additionally, we finished the 2026 REBUILT season T-shirt design! We also began revamping the StuyPulse website, updating outdated information and cleaning it up.



Valentine's Bake Sale

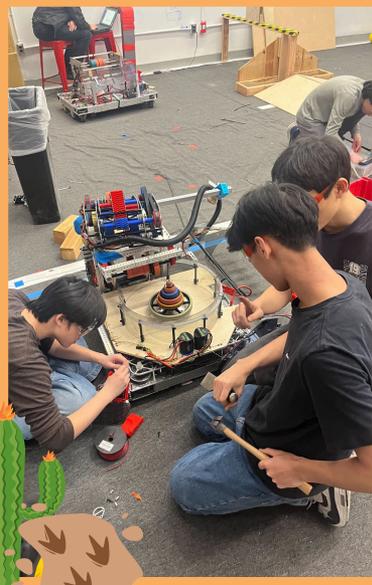
This week on Friday, members from all departments of StuyPulse alongside parent volunteers came to Stuyvesant to help with the Valentines Bake Sale raising over \$1000 for our team - double the amount that was made last year! This could not have been done without all of the contributions from Pulsites and parents alike, and we thank you very much for the generous donations made by everyone!



Senior Center Tech Help

Every other Thursday, StuyPulse volunteers head over to the Independence Plaza Older Adult Center to help seniors with anything tech-related problems, including how to navigate emails, how to adjust computer settings, etc. This week, our volunteers helped seniors use the MTA Bus app and navigate their ipad!





Contact us!

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Website: StuyPulse.com

Instagram: [@stuypulse](https://www.instagram.com/stuypulse)

TikTok: [@stuypulse](https://www.tiktok.com/@stuypulse)

Facebook: [@stuypulse Team 694](https://www.facebook.com/stuypulse)

YouTube: [@Stuypulse](https://www.youtube.com/Stuypulse)

Find our **Open Alliance Build Thread**
on **Chief Delphi!**

Any suggestions? Fill out this [form!](#)

