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The Team Newsletter of Mt. Olive Robotics Team 11



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January 13, 2018
Season

Mount Olive High School, Flanders, New Jersey

Build

As the end of Build season approaches, every MORT subteam is getting ready for competition season. They have been dedicating tremendous hours after school to make an effort to accomplish every task that has been building up throughout the week as the approach week 6.

Electrical is working diligently to finish their new tasks. They have been working on one of the past robots with the new electronics all week. They rewired and updated the electronics on it and it is now up and running. They also tested the drive train successfully and worked on the electrical board and is working on the practice bot. Since they have finished the electrical board, they are designing and implementing the electrical board into the robot.

Programming has been working hard this week to get the practice robot ready to go along with the drivetrain for the practice bot. The subteam also has rking in writing a socket program for the camera to send to the robo reo (IO board for control) Overall, Programing has been working in perfecting their codes and ideas for the practice robot.

CAD recently finished the full design for the final robot. With the schematics done, the first step in creating the robot is done. They have already sent the schematics over to mechanical, and now rest of the team can now get to work on bringing this bot from paper to reality.

Mechanical, as mentioned before, has been working to finish the practice bot. This robot is essential to the overall effort, as it will be used for tests in order to work out the kinks of the final bot. Mechanical is almost done, and has just received

the last few designs for the practice bot, meaning that the practice bot is as good as done.

Chairman's has been hard at work with new tasks. They are working on interviewing people from the community for the Chairman's video. The binder group is progressing with new tablets for the Chairman's presentation by filming and programming them. For the Mount Olive District Competition and the MakerFest, press releases and other publicity have been worked on to gain more recognition.

Digital Media has been working on taking yearbook picture makeups and focusing on MORT and BETA in a bit, similar to last week. The yearbook is near completion along with collages and other personalized items for each team member!

Business has been elaborating on the business plan this week. They created posters for the Maker Fest and the Mount Olive District. Their business plan was split amongst their members to create an integrated plan. They have finished their individual parts and are working together to assemble the actual business plan.

Clearly, anyone can see that MORT's hard work is not being wasted. Actual results are being achieved: Electrical successfully tested the drivetrain, CAD finished the designs for the final robot, Mechanical is almost done with the practice bot, and Chairmans has been hard at work making all the achievements of this team known to the world. MORT is going strong.

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