



MORT in a Minute



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The Team Newsletter of Mt. Olive Robotics Team 11

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First WeWillBeBest, Then We WillBe First!

February 5th, 2012

Mt. Olive High School, Flanders, New Jersey

Volume 4 – 9th Edition



GROUP REPORTS –Week 1: Build Season

MAYA Animation- Members of the Animation sub-team finished the animation's facility, walk cycle, Iiko, nearly completed the human, finished all detail modules, finished the introduction, and began putting models in the main facility model.

Business – The Business team has been working to put together the fourth volume of MORT in a Minute. The Chairman's team worked on the script for the Chairman's presentation and on the Chairman's essay for the award submission.



AutoDesk – This week, members on the CAD sub-team CADed a system of pushing balls up to the shooter on the robot. They also determined how to power the rollers with a piston system added to raise and lower the rollers. The final CADs for the robot were also completed.

DriveTrain – On DriveTrain, members fit the hubs to the wheels of the robot, assembled the practice robot, polished the practice robot, and started to assemble the hubs and wheels for the competition robot.



Electrical – Electrical members worked on the electrical board this week, mounting the victors, sidecar, and power distribution to the board. They also cut polycarbonate for the robot and began wiring the robot.

End Effector – This week on End Effector, members finished the first trapezoid for the robot, completed the frame, built half of the robot's shooter and started to make parts for the final robot.

Programming – On programming this week, members finished coding for the end effector and drive train backend. They began sensor work, and worked with vision distance and improving detection. The Android scouting app gui and members continued working on the two scouting apps during the week.

CAPTAINS' CORNER:

Week 4 has been about putting the pieces of the robot together. Members of the team have really been collaborating together, functioning seamlessly to form one working entity focused on creating a magnificent end product.

MESSAGE FROM MR. DiCICCO:

Week 4 has come to an end. It appears that our robot is coming together. End Effector, Drive Train and Electrical are working feverishly to work out all the final details. We still have lots of work to do. Remember my famous words "Stay focused!" We all need to work together and get our final tasks done before rollout in two weeks. Thanks to all for the hard work so far.

MESSAGE FROM MR. BODMER:

Week 5 is here! The time is flying by and our robot took great strides this week thanks in large part to our End Effector, Drive Train and Electrical sub-teams. We overcame many obstacles and we are looking to iron out the details and get the robot completed in the following week. Great effort by all involved, stay on task and help out wherever you can! Keep up the great work! 14 days to go!

DATES TO REMEMBER:

February 19: Rollout Event

March 30-April 1: District Regional, Mt. Olive HS

March 9 -11: Rutgers Mid-Atlantic Regional

April 12-14: MAR Championships, Philadelphia

March 22-24: Palmetto Regional

April 26-28: St. Louis Championships



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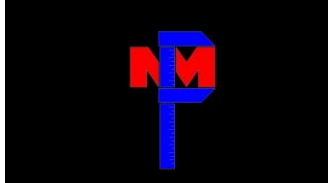
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