



# MORT in a Minute



[www.mortteam11.org](http://www.mortteam11.org)

The Team Newsletter of Mt. Olive Robotics Team 11

[www.usfirst.org](http://www.usfirst.org)

First We Will Be Best, Then We Will Be First!

February 16, 2008

Mt. Olive High School, Flanders, New Jersey

Volume 11 – Fifth Edition



## GROUP REPORTS – Week Six Build Season

**Outreach** – This week MORT assisted the Mt. Olive Recreation Department with a community pajama drive. A drop off box was set up in the lobby of school and arrangements were made for announcing details of the drive on the school's morning announcements and e-mail service.

**3-D Studio MAX** – This week, 3-D Studio Max completed their animation and sent it out on Friday night.



**AutoDesk** – This week, the AutoDesk team has finished placing all components on the electrical board, and worked on the modeling wires for the board and motors. They have also modeled mounting holes needed on the drive train C-channel; and have begun organizing files into project groups in preparation for submission.



**Business** – The Business team has been taking pictures, and gathering team reports for Mort in a Minute. The team has been collecting the purchase orders from each subgroup and inserting the data onto a spreadsheet and is creating the brochure for roll-out.

**Drive Train** – The Drive Train team finished the drive train and assembled the bumpers. They also fixed the cart and lightened the drive train.



**Electrical** – The Electrical team has completed the final stage of circuitry, they installed and finalized the sensors, and they have installed the cooling system.



**End Effectors** – The End Effectors team disassembled the roller assembly. They also milled and recreated many pieces to make them lighter. They mounted the end effector to the drive train and created their Rollout PowerPoint.



**Programming** – The Programming team has finished the end effector function, and they implemented a strong variation of Dijkstra’s Algorithm in order to simulate the Newtonian effects of the static architecture of the work envelope, thus transcending us into a higher state of electromechanical performance.

**CAPTAINS’ CORNER:**

“We has robot.” – Ed & Max

**MESSAGE FROM MR. DiCICCO:**

Well, the robot is shipped and we are ready to compete. Please remember that our behavior

represents not just our team, but our school and our town. Let's make everyone proud of us. GO MORT!!!

**MESSAGE FROM MR. McGOWAN:**

Here is the end of the season for our seniors. They can be proud that their work has carried on a great tradition. With the impending Autodesk Competition submitted we will have met all goals and now it is time for some competition.

**DATES TO REMEMBER:**

- February 28 - March 1 – Trenton Regional
- March 10 – Mandatory Parent Meeting for those traveling to Chesapeake Regional
- March 13-15 – Chesapeake Regional
- April 14 – Mandatory Parent Meeting for those traveling to Atlanta
- April 17-19 – Nationals – Atlanta

**TRAVEL PAYMENT SCHEDULE:**

Feb. 22- \$125 due

Mar. 5- \$125 due

Mar. 28- \$92 due

Some student’s balances are different. Please email: [lavin6@optonline.net](mailto:lavin6@optonline.net) to check your individual balance.

**PICTURE GALLERY**

