

FEDS 201

February 2018

2018 marks the 20th anniversary for FEDS 201: Rochester Robotics!

Since 1998, the FEDS have been “leveling the playing field” in STEM through inclusive opportunities to learn about science, technology, and engineering.

Chairman’s Award

The Rochester robotics team has really improved over the years. Our 20th anniversary goal is to strive for the most prestigious FIRST award: The Chairman’s Award. Over the Winter break, the FEDS met up to develop responses to questions about FIRST principles for the Chairman’s application and map out plans for a team video and marketing packet. Students continue to write a long essay describing how our team works to expand access to STEM education throughout the community. Our final Chairman’s proposal is due on February 8, 2018.



2018 Build Process

The FEDS have been working hard on their robot since this season’s game was released. To get the best design for their bot, students have created several prototypes and voted on the most efficient part for their final design. The design, electrical, mechanical, programming, and machining groups have been busy developing three different mechanisms required to compete in this year’s challenges on the field. The team’s goal is to finish the robot quickly for drivers to train before their first competition on March 8th at Waterford Mott High School.

Safety

The FEDS value safety as a primary priority. This season, the safety team has revamped the FEDS safety protocol to ensure the highest level of safety possible throughout the build season, during travel and at competitions. In addition, a comprehensive safety presentation is being created to cover the most important facets of basic FIRST Aid. Moreover, the safety group made interactive Jeopardy, Kahoot and Quizlet games to ensure safety competency across the entire team. Finally, mini safety kits are being produced for distribution to other teams at competitions and to reinforce the importance of safe play.

Competition Schedule

March 8-10: Waterford Mott HS

March 15-17: Milford HS

April 12-14: State Championship, Saginaw Valley State University

Visit the FEDS on Social Media!

