

Invitation to WLMS students 7-8th grade to participate in WLHS Robotics Club

The Wilde Lake High School Robotics Club participates in two FIRST Robotics events, the FIRST Tech Challenge (FTC) and the FIRST Robotics Competition (FRC). FTC is open to students 7-12th grades. FRC is for 9-12th grades.

We welcome middle school students, 7-8th grades, who are interested in robotics to join us in the FTC. In this club, one or more robots are built to meet the challenge of the year. The tasks the robots have to complete are: moving cubes into a container, placing an object in a specific location and finally balancing the robot on a balancing board. The robots are programmed in Java to operate in an autonomous mode and to be remotely operated by a student driver.

Students just need an interest in robotics or building mechanical devices or programming. They will be given the information needed to build the robot with mentoring to help them overcome the challenges they face. This is for students who are willing to learn something new and put out the effort to gain this knowledge.

A video showing this year's challenge is on you-tube, <https://youtu.be/nRsu7bRFhx4> The challenge starts at about 3:30 into the video. Additional videos can be found on you-tube searching on the term "ftc robotics competition 2016".

Information about the FTC is found at <https://www.firstinspires.org/robotics/ftc>

Currently the robot is being designed, with competitions in December and February. Robot construction, programming and testing will continue until February.

For further information contact Dr. Sura WLHS team sponsor or Dr. Friedhoffer a team mentor.

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