

Team 484 RoboForce Information – 2017-2018

The Haverford Robotics Club designs and builds robots to compete in FIRST (For Inspiration and Recognition of Science and Technology) Robotics competitions. We have a group of dedicated parents, engineers, and mentors who work with our students.

We participate at the 2 regional competitions (MAR Mid-Atlantic Robotics) and hopefully the MAR Championship and World Championship. We also compete at 3 off season competitions, two in the Fall, one in the Spring. There is an intense six week building period in January and February. In the Fall we have workshops, fundraisers, practice, etc. Throughout the school we participate in a variety of community activities - including Haverford Day, Lego Club, Spring Fest, Manoa Science Fair, and STEM Day at Coopertown and Lynnewood Elementary School.

Meetings:

Fall meetings are Tuesdays and Thursdays at 6:30 p.m. to 9 p.m. and selected Saturdays morning at 9 a.m. to 1 p.m.

Winter 'build' season schedule - Mondays through Friday 6:30 p.m. to 9:30 p.m., Saturdays 9 a.m. to 4 p.m. We have six weeks to design, build, and test the robot. Students need to make 20 of those meetings in order to be eligible to attend competition.

Schedule will be posted on our website (team484.org)

Schedule:

- Fall schedule- tool safety, robot design, programming workshops, and robot modifications preparing for off season competitions.
- Haverford Day Parade - October 7th
- Off Season Competitions in the Fall
- September: HAVOC at Hatboro - Horsham): September 30th
- November: Ramp Riot at Wissahickon High School - November 4th
- January: Kick-off followed by six weeks of design and fabrication. Kickoff is January 6th
- February: 'Stop robot build' on February 20th.
- March: FIRST MAR Competitions - Westtown & Seneca
- April: FIRST Mid-Atlantic Competition - Lehigh University, PA (if we qualify)
- FIRST World Championship - Detroit (if we qualify)
- Spring: Local Competitions - MidKnight Mayhem, June

Fundraisers:

We need to raise about \$15,000 in addition to our donation from the School District. Students are expected to help raise money in fundraisers such as a candy sale, Applebee's, and car washes. The adult members will raise money by contacting corporate sponsors (about \$6,000). However, we could use more help in this area - any contributions, fundraising ideas and help are always appreciated. Students are required to pay a \$175 participation fee which includes the cost of their safety glasses. A replacement fee of \$10 will be charged if lost.

Mandatory Parent meeting Tuesday, October 24th at 7 p.m. in room 126!

Contact Info:

Sarkis Berberian	s.sberb@verizon.net	610-996-6243 (cell)
Ben Preddy	benpreddy@comcast.net	484-764-7400 (cell)

Deadline to join: Tuesday, November 14th.