Team 6201
Sponsor Packet

About Team 6201

We, The Highlanders, began our journey as a team in 2015. A combination of students and teachers in Somerville High School began the team in hopes to allow individuals with interests that expand past the normal high school curriculum fulfill their passions.

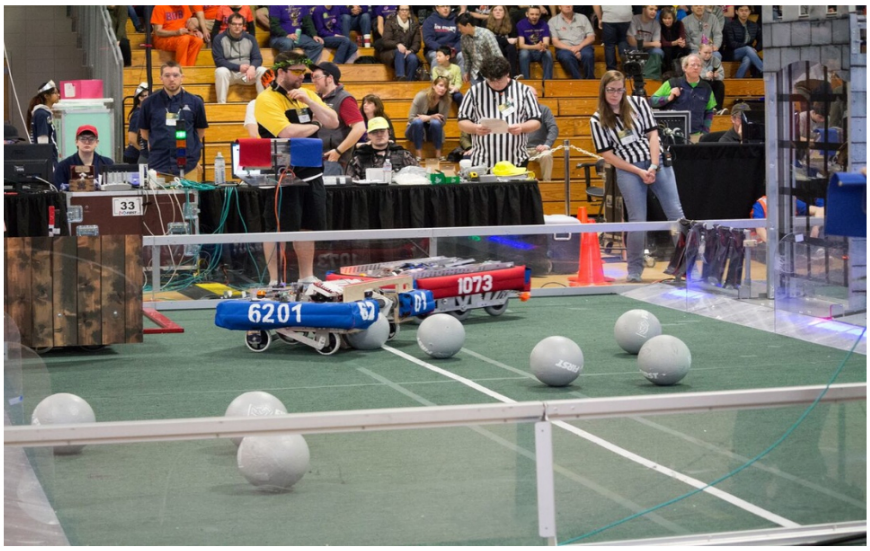
Our first competition was Strong Hold 2015 where, as a rookie team, we did exceptionally well. We continued the team going into the 2017 season where we improved our performance in competitions. We are currently in our third season.

We are currently a team made out of 16 students from grades 9 -12. We also have 9 mentors. Our team works to teach students about the technical side of STEM by teaching new members about programming, electrical, mechanical and safety. In addition, we have community outreach and business sections that focus on the nontechnical skills of life such as communications and financing.
Students receive a hands-on and minds-on experience working with professional engineers, who are in turn seen as role models in the same way professional athletes are. Students have the chance to learn and develop many new skills in engineering, design, leadership, business, public speaking, coaching, and communication.

We also expand past the FIRST Robotics Competition by going to many local events to show off our robot to middle schools, local city events and to city officials.

What is FIRST Robotics?

FIRST (For the Inspiration and Recognition of Science and Technology) is a nonprofit organization that was founded by Dean Kamen in 1989. FIRST inspires innovation and leadership by teaching students in grades K-12 about STEM (Science, Technology, Engineering, and Mathematics), teamwork, and problem-solving skills through hands-on robotics challenges. FIRST also connects students with other students, offers huge scholarship opportunities and giving students real-life engineering programming and electrical experiences.



Highlanders at the 2016 UMass-Darthmouth Event

FIRST ROBOTICS COMPETITION

"It's not just about robots. It's about building self confidence, respect, and important relationships with people who invent new technologies to make a better future."

– Dean Kamen, FIRST founder

NE District - Greater Boston Event 2017

FIRST Robotics Competition

FIRST Robotics Competition combines the excitement of sport with the rigors of STEM. Each year there is a new challenge that requires students to use skills to design, build, and program a robot in six weeks to perform tasks that will earn the team points. Teams also work on nontechnical tasks such as team management, finance, graphic design, website development, and social media Participants use the same tools used by professional engineers and graphic designers. Professional mentors and volunteers lend their time and talents to guide each team.

Robot at St. Louis Champion 2017

FIRST STRONGHOLD

FIRST STEAMWORKS

FIRST POWER UP

Accomplishments

2015 - 2016

*Ranked 11 out of 39 at North Shore Event

*Highest Rookie Seed: North Shore Event in Reading, MA

* Rookie Inspiration Award: UMass-Dartmouth Event in North Dartmouth,MA

NE District- Greater Boston Event 2016
Being awarded the Gracious Professional Award

2016 - 2017

* Creativity Award: NE District- SE Mass event in Bridgewater, Ma

* Won the Gracious Professionalism Award
at NE District-Greater Boston event in Revere, Ma

* Was mentioned in the city's news paper for
winning the Gracious Professionalism Award.

* Made it to District Champions for the first time

* Ranked 22th out of 64 at District Champions

* Made it to St. Louis Worlds Championship
for the first time.

* Mentioned in the city's newspaper for going to St Louis Worlds Championship

*One of only 6 teams in the world to get the
Creativity Award in the St. Louis Worlds Championship
*One of the 384 out of 3,357 teams that advanced to the elimination round of the FIRST Championships

NE District - Greater Boston Event 2017
FIRST Steamworks robot in action

NE District - Greater Boston Event 2017
Greeting another team

Community Outreach

Our team has made appearances at many community events. We have participated in events such as Tufts Community Day, Fluff Festival, Summer streets, STEAM Week at John F. Kennedy Elementary, and more. At these events, children get to interact with our robot and learn more about the different STEM opportunities available in the community.

Fluff Festival

The Highlanders made an appearance at Somerville's annual Fluff Festival for our first time on September 23rd, 2017. We collaborated with the Fluff Festival hosts in celebrating the 100th anniversary of fluff by modifying our 2017 season robot with marshmallow launching cannons. We attracted hundreds of people with our marshmallow minigame, where children and adults alike would attempt to catch marshmallows launched from Elon using hand nets. We also had coloring pages of the robot for children to bring home as souvenirs.

Tufts Community day

On September 24th, 2017, Team 6201 The Highlanders participated in Tufts Community Day at the Academic Quad in Tufts University. Our goal was to introduce robotics to our home community. We brought our marshmallow cannon robot to this event, but this time the robot was loaded with tootsie rolls instead of marshmallows. We also had coloring pages of the robot for children to bring home and color.

STEAM Week

The team was invited to be part of the John F. Kennedy Elementary school STEAM week. STEAM Week is a week dedicated to showing students different parts of STEAM (Science, Technology, Engineering, Art, Math), which takes place at John F. Kennedy Elementary school. STEAM week began in 2017 and it ran from May 22 to May 26.
Our team demonstrated our robot at an assembly, where kindergartner to eighth grade students alike were amazed by our performance. We explained our role as a FIRST Robotics team and how younger students can also become involved in STEM related organizations like us.

Sponsorship Information Form

Business name: _____

Contact Person: _____

Address: _____

City:_____ State:_____ Zip Code:_____

Phone: (_____)_____

Email: _____

Business Website (if applicable):_____

Please make checks payable to: Somerville High School Robotics

Please mail to:

Somerville High School Robotics

81 Highland Ave

Somerville, MA 02143

Amount donated: $_____ Check#:_____

Material Donation:_____

If you have any questions feel free to contact us at frc6201@gmail.com

Thank you for your support!
Your generosity is greatly appreciated and will be put to use!